

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041922\
 Data File : VX028165.D
 Acq On : 19 Apr 2022 17:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/20/2022
 Supervised By : Mahesh Dadoda 04/21/2022

Quant Time: Apr 20 08:16:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	432650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	643119	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	590825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	339112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	236074	41.848	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	83.700%		
35) Dibromofluoromethane	5.385	113	225556	50.011	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.020%		
50) Toluene-d8	8.653	98	811291	46.834	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.660%		
62) 4-Bromofluorobenzene	11.079	95	311219	46.988	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	207992	74.473	ug/l	98
3) Chloromethane	1.288	50	175336	62.895	ug/l	99
4) Vinyl Chloride	1.374	62	203752	46.715	ug/l	98
5) Bromomethane	1.599	94	144053	34.539	ug/l	97
6) Chloroethane	1.678	64	134039	42.430	ug/l	99
7) Trichlorofluoromethane	1.886	101	362712	37.712	ug/l	96
8) Diethyl Ether	2.136	74	129053	44.305	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	196106	55.973	ug/l	92
10) Methyl Iodide	2.453	142	272365	56.127	ug/l	99
11) Tert butyl alcohol	2.971	59	229264	210.651	ug/l	98
12) 1,1-Dichloroethene	2.319	96	185554	55.806	ug/l	89
13) Acrolein	2.233	56	166034	240.154	ug/l	98
14) Allyl chloride	2.666	41	246260	44.138	ug/l	94
15) Acrylonitrile	3.062	53	488411	212.453	ug/l	99
16) Acetone	2.380	43	398494	231.172	ug/l	98
17) Carbon Disulfide	2.514	76	423867	47.338	ug/l	100
18) Methyl Acetate	2.703	43	215944	43.053	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	625251	45.094	ug/l	96
20) Methylene Chloride	2.788	84	199942	47.768	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	201493	44.559	ug/l	91
22) Diisopropyl ether	3.763	45	512338	40.317	ug/l	94
23) Vinyl Acetate	3.721	43	2301747	207.329	ug/l	98
24) 1,1-Dichloroethane	3.611	63	324503	43.248	ug/l	98
25) 2-Butanone	4.556	43	649398	194.375	ug/l	98
26) 2,2-Dichloropropane	4.483	77	302918	41.348	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	240470	44.599	ug/l	89
28) Bromochloromethane	4.897	49	123711	38.429	ug/l #	75
29) Tetrahydrofuran	5.001	42	414319	190.191	ug/l	98
30) Chloroform	5.099	83	364336	40.432	ug/l	99
31) Cyclohexane	5.477	56	278486	40.519	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	350093	42.905	ug/l	96
36) 1,1-Dichloropropene	5.696	75	262029	44.540	ug/l	95
37) Ethyl Acetate	4.714	43	256598	42.985	ug/l	99
38) Carbon Tetrachloride	5.684	117	315618	47.523	ug/l	99
39) Methylcyclohexane	7.385	83	331254	44.625	ug/l	93
40) Benzene	6.037	78	774047	44.948	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041922\
 Data File : VX028165.D
 Acq On : 19 Apr 2022 17:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/20/2022
 Supervised By : Mahesh Dadoda 04/21/2022

Quant Time: Apr 20 08:16:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	133067	43.206	ug/l	99
42) 1,2-Dichloroethane	6.092	62	268013	41.926	ug/l	99
43) Isopropyl Acetate	6.342	43	416974	42.919	ug/l	97
44) Trichloroethene	7.129	130	252113	50.484	ug/l	94
45) 1,2-Dichloropropane	7.434	63	182303	43.248	ug/l	99
46) Dibromomethane	7.580	93	148120	44.795	ug/l	91
47) Bromodichloromethane	7.824	83	275037	43.277	ug/l	99
48) Methyl methacrylate	7.696	41	190338	42.672	ug/l	95
49) 1,4-Dioxane	7.665	88	98017	821.428	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	1283685	205.902	ug/l	98
52) Toluene	8.720	92	525016	43.882	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	305901	45.290	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	323389	44.587	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	217439	44.731	ug/l	97
56) Ethyl methacrylate	9.116	69	313977	44.558	ug/l #	94
57) 1,3-Dichloropropane	9.311	76	338098	43.092	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	782562	236.699	ug/l #	89
59) 2-Hexanone	9.433	43	1005813	208.273	ug/l	96
60) Dibromochloromethane	9.525	129	241644	45.599	ug/l	97
61) 1,2-Dibromoethane	9.610	107	240466	45.091	ug/l	98
64) Tetrachloroethene	9.275	164	238356	51.649	ug/l	97
65) Chlorobenzene	10.079	112	604596	47.996	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	231528	49.340	ug/l	99
67) Ethyl Benzene	10.195	91	1009686	47.801	ug/l	95
68) m/p-Xylenes	10.305	106	838936	97.587	ug/l	92
69) o-Xylene	10.646	106	417136	48.667	ug/l	92
70) Styrene	10.659	104	686630	49.448	ug/l	98
71) Bromoform	10.799	173	191139	44.560	ug/l #	99
73) Isopropylbenzene	10.963	105	1060430	45.496	ug/l	97
74) N-amyl acetate	10.848	43	373778	46.396	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	334025	44.162	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	296556m	44.435	ug/l	
77) Bromobenzene	11.201	156	300488	49.501	ug/l	84
78) n-propylbenzene	11.305	91	1189436	46.021	ug/l	93
79) 2-Chlorotoluene	11.366	91	714509	44.466	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	921015	46.550	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	100716	44.846	ug/l	97
82) 4-Chlorotoluene	11.457	91	836019	45.167	ug/l	93
83) tert-Butylbenzene	11.719	119	942787	46.665	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	924022	46.982	ug/l	96
85) sec-Butylbenzene	11.890	105	1134406	46.541	ug/l	95
86) p-Isopropyltoluene	12.012	119	1009857	48.025	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	566113	49.632	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	573722	47.905	ug/l	99
89) n-Butylbenzene	12.335	91	809818	46.901	ug/l	96
90) Hexachloroethane	12.542	117	160617	42.725	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	562444	49.638	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	72949	43.368	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	366102	54.323	ug/l	100
94) Hexachlorobutadiene	13.725	225	149303	49.648	ug/l	94
95) Naphthalene	13.774	128	1201495	53.518	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	358521	54.197	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041922\
Data File : VX028165.D
Acq On : 19 Apr 2022 17:19
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/21/2022

Quant Time: Apr 20 08:16:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

