

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX026982.D
 Acq On : 11 Feb 2022 21:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2022
 Supervised By : Mahesh Dadoda 02/15/2022

Quant Time: Feb 12 04:36:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	84355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	140943	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54904	54.221	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.440%			
35) Dibromofluoromethane	5.391	113	43973	52.367	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.740%			
50) Toluene-d8	8.653	98	164856	53.484	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.960%			
62) 4-Bromofluorobenzene	11.079	95	57611	53.088	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	47417	51.696	ug/l	99
3) Chloromethane	1.295	50	44206	51.807	ug/l	98
4) Vinyl Chloride	1.374	62	45919	51.407	ug/l	99
5) Bromomethane	1.612	94	18175	47.951	ug/l	99
6) Chloroethane	1.685	64	26810	56.020	ug/l	98
7) Trichlorofluoromethane	1.892	101	67288	51.190	ug/l	100
8) Diethyl Ether	2.136	74	24382	50.073	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	44310	51.427	ug/l	99
10) Methyl Iodide	2.459	142	61314	51.248	ug/l	97
11) Tert butyl alcohol	2.971	59	43891	239.934	ug/l	96
12) 1,1-Dichloroethene	2.325	96	43902	50.854	ug/l	91
13) Acrolein	2.240	56	50206	296.988	ug/l	99
14) Allyl chloride	2.666	41	79953	52.284	ug/l	96
15) Acrylonitrile	3.069	53	141019	269.014	ug/l	98
16) Acetone	2.380	43	117603	264.431	ug/l	97
17) Carbon Disulfide	2.514	76	116156	47.529	ug/l	100
18) Methyl Acetate	2.703	43	64298	50.248	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	153977	50.390	ug/l	98
20) Methylene Chloride	2.794	84	49734	51.610	ug/l	98
21) trans-1,2-Dichloroethene	3.099	96	46670	51.373	ug/l	97
22) Diisopropyl ether	3.764	45	159726	51.880	ug/l	98
23) Vinyl Acetate	3.727	43	699496	270.231	ug/l	98
24) 1,1-Dichloroethane	3.617	63	87854	52.735	ug/l	99
25) 2-Butanone	4.562	43	194749	271.787	ug/l	99
26) 2,2-Dichloropropane	4.483	77	58060	51.581	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	55876	53.570	ug/l	95
28) Bromochloromethane	4.904	49	39553	57.275	ug/l	98
29) Tetrahydrofuran	5.007	42	129027	264.869	ug/l	98
30) Chloroform	5.099	83	89898	51.937	ug/l	99
31) Cyclohexane	5.477	56	81627	50.733	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	78468	51.419	ug/l	99
36) 1,1-Dichloropropene	5.702	75	66494	50.195	ug/l	98
37) Ethyl Acetate	4.715	43	76100	50.549	ug/l	98
38) Carbon Tetrachloride	5.684	117	70548	50.786	ug/l	97
39) Methylcyclohexane	7.385	83	80664	49.653	ug/l	97
40) Benzene	6.044	78	196640	50.933	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX026982.D
 Acq On : 11 Feb 2022 21:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2022
 Supervised By : Mahesh Dadoda 02/15/2022

Quant Time: Feb 12 04:36:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	43101	52.824	ug/l	97
42) 1,2-Dichloroethane	6.092	62	72704	53.440	ug/l	99
43) Isopropyl Acetate	6.342	43	120736	52.124	ug/l	98
44) Trichloroethene	7.129	130	56744	48.950	ug/l	97
45) 1,2-Dichloropropane	7.434	63	49826	51.008	ug/l	97
46) Dibromomethane	7.586	93	35108	51.942	ug/l	98
47) Bromodichloromethane	7.824	83	69650	53.809	ug/l	100
48) Methyl methacrylate	7.696	41	59931	52.218	ug/l	97
49) 1,4-Dioxane	7.671	88	19368	979.294	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	374705	266.947	ug/l	98
52) Toluene	8.720	92	125054	51.160	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	70788	50.504	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	79456	55.591	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	50321	54.379	ug/l	99
56) Ethyl methacrylate	9.116	69	78934	53.811	ug/l	97
57) 1,3-Dichloropropane	9.311	76	86761	54.599	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	199700	265.242	ug/l	98
59) 2-Hexanone	9.433	43	273778	266.660	ug/l	98
60) Dibromochloromethane	9.525	129	53049	55.715	ug/l	98
61) 1,2-Dibromoethane	9.610	107	53288	54.503	ug/l	100
64) Tetrachloroethene	9.275	164	59109	47.233	ug/l	96
65) Chlorobenzene	10.080	112	131502	51.031	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	48877	51.561	ug/l	99
67) Ethyl Benzene	10.195	91	235527	51.641	ug/l	99
68) m/p-Xylenes	10.305	106	178430	101.684	ug/l	98
69) o-Xylene	10.647	106	87930	51.139	ug/l	96
70) Styrene	10.659	104	144034	51.649	ug/l	98
71) Bromoform	10.799	173	34823	47.529	ug/l #	100
73) Isopropylbenzene	10.964	105	228294	52.308	ug/l	99
74) N-amyl acetate	10.842	43	91519	52.480	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	62171	52.491	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	63360m	52.237	ug/l	
77) Bromobenzene	11.201	156	53580	51.646	ug/l	95
78) n-propylbenzene	11.305	91	257799	53.281	ug/l	100
79) 2-Chlorotoluene	11.366	91	152643	51.059	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	188165	52.384	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18806	48.581	ug/l	94
82) 4-Chlorotoluene	11.457	91	174749	52.105	ug/l	97
83) tert-Butylbenzene	11.720	119	179167	52.333	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	185284	51.139	ug/l	97
85) sec-Butylbenzene	11.890	105	227784	52.488	ug/l	99
86) p-Isopropyltoluene	12.012	119	191378	52.055	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	96032	50.517	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	96823	50.504	ug/l	99
89) n-Butylbenzene	12.335	91	158097	52.559	ug/l	100
90) Hexachloroethane	12.543	117	29299	55.139	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	94585	51.566	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15454	53.058	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	59903	51.747	ug/l	98
94) Hexachlorobutadiene	13.725	225	24071	49.160	ug/l	100
95) Naphthalene	13.780	128	217161	53.556	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	61342	52.332	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
Data File : VX026982.D
Acq On : 11 Feb 2022 21:06
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2022
Supervised By :Mahesh Dadoda 02/15/2022

Quant Time: Feb 12 04:36:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration

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

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

