

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
 Data File : VX040525.D
 Acq On : 28 Feb 2024 20:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/29/2024
 Supervised By : Mahesh Dadoda 02/29/2024

Quant Time: Feb 29 03:55:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	84654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	140593	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69843	49.328	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.660%		
35) Dibromofluoromethane	5.385	113	49379	50.507	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.020%		
50) Toluene-d8	8.646	98	175812	49.541	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.080%		
62) 4-Bromofluorobenzene	11.079	95	71394	52.776	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	47513	45.100	ug/l	99
3) Chloromethane	1.294	50	46836	44.821	ug/l	100
4) Vinyl Chloride	1.373	62	51853	45.888	ug/l	98
5) Bromomethane	1.599	94	33630	53.555	ug/l	98
6) Chloroethane	1.684	64	32366	45.260	ug/l	97
7) Trichlorofluoromethane	1.886	101	89069	49.907	ug/l	100
8) Diethyl Ether	2.135	74	30275	48.532	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.324	101	44884	46.722	ug/l	97
10) Methyl Iodide	2.453	142	47129	47.473	ug/l	100
11) Tert butyl alcohol	2.965	59	62400	262.165	ug/l #	91
12) 1,1-Dichloroethene	2.318	96	42676	44.247	ug/l	96
13) Acrolein	2.233	56	50958	333.934	ug/l	99
14) Allyl chloride	2.666	41	78026	46.241	ug/l	94
15) Acrylonitrile	3.062	53	143894	241.010	ug/l	98
16) Acetone	2.379	43	135608	293.686	ug/l	99
17) Carbon Disulfide	2.513	76	108377	40.578	ug/l	99
18) Methyl Acetate	2.702	43	74127	52.072	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	159636	48.524	ug/l	98
20) Methylene Chloride	2.788	84	50225	45.453	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	45696	44.426	ug/l	97
22) Diisopropyl ether	3.763	45	158062	46.615	ug/l	91
23) Vinyl Acetate	3.721	43	740081	238.267	ug/l	100
24) 1,1-Dichloroethane	3.611	63	91138	46.091	ug/l	98
25) 2-Butanone	4.556	43	211414	262.790	ug/l	94
26) 2,2-Dichloropropane	4.477	77	68535	43.532	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	54343	45.160	ug/l	99
28) Bromochloromethane	4.897	49	39769	48.080	ug/l	97
29) Tetrahydrofuran	5.001	42	138020	245.924	ug/l	97
30) Chloroform	5.098	83	100147	47.715	ug/l	97
31) Cyclohexane	5.470	56	70598	44.010	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	89216	49.803	ug/l	98
36) 1,1-Dichloropropene	5.696	75	69864	46.381	ug/l	99
37) Ethyl Acetate	4.714	43	82265	49.903	ug/l	98
38) Carbon Tetrachloride	5.678	117	73362	50.415	ug/l	97
39) Methylcyclohexane	7.378	83	75319	46.314	ug/l	98
40) Benzene	6.037	78	192046	47.091	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
 Data File : VX040525.D
 Acq On : 28 Feb 2024 20:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/29/2024
 Supervised By : Mahesh Dadoda 02/29/2024

Quant Time: Feb 29 03:55:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	45487	49.398	ug/l	94
42) 1,2-Dichloroethane	6.086	62	87055	51.576	ug/l	97
43) Isopropyl Acetate	6.342	43	127996	49.483	ug/l	97
44) Trichloroethene	7.128	130	50774	46.294	ug/l	99
45) 1,2-Dichloropropane	7.433	63	52791	48.368	ug/l	100
46) Dibromomethane	7.580	93	39216	48.872	ug/l	98
47) Bromodichloromethane	7.817	83	77776	49.228	ug/l	99
48) Methyl methacrylate	7.689	41	67249	52.015	ug/l	93
49) 1,4-Dioxane	7.653	88	26810	1096.202	ug/l #	94
51) 4-Methyl-2-Pentanone	8.573	43	445844	260.694	ug/l	98
52) Toluene	8.720	92	123116	49.191	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	80123	49.971	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	83468	48.430	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	52850	50.883	ug/l	96
56) Ethyl methacrylate	9.116	69	82412	51.318	ug/l #	92
57) 1,3-Dichloropropane	9.311	76	88702	49.031	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	212847	252.780	ug/l	97
59) 2-Hexanone	9.427	43	355322	270.231	ug/l	97
60) Dibromochloromethane	9.518	129	57516	50.982	ug/l	100
61) 1,2-Dibromoethane	9.610	107	57051	50.336	ug/l	99
64) Tetrachloroethene	9.274	164	46509	48.883	ug/l	98
65) Chlorobenzene	10.079	112	133515	46.318	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	50450	49.662	ug/l	100
67) Ethyl Benzene	10.195	91	252181	47.792	ug/l	98
68) m/p-Xylenes	10.299	106	185152	93.966	ug/l	94
69) o-Xylene	10.640	106	89193	47.328	ug/l	91
70) Styrene	10.652	104	153940	49.000	ug/l	98
71) Bromoform	10.799	173	42004	50.512	ug/l #	100
73) Isopropylbenzene	10.963	105	248766	48.166	ug/l	100
74) N-amyl acetate	10.841	43	117875	49.141	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	88522	47.393	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	75516m	48.927	ug/l	
77) Bromobenzene	11.195	156	57365	46.974	ug/l	98
78) n-propylbenzene	11.305	91	299942	46.820	ug/l	98
79) 2-Chlorotoluene	11.366	91	179006	46.416	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	212841	48.456	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	23276	45.857	ug/l	100
82) 4-Chlorotoluene	11.457	91	213582	47.892	ug/l	98
83) tert-Butylbenzene	11.713	119	199638	48.209	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	212910	48.854	ug/l	99
85) sec-Butylbenzene	11.890	105	261412	48.051	ug/l	99
86) p-Isopropyltoluene	12.012	119	213870	47.693	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	112843	46.357	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	113548	45.822	ug/l	100
89) n-Butylbenzene	12.335	91	206987	46.917	ug/l	97
90) Hexachloroethane	12.536	117	36519	48.931	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	110154	47.487	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	23022	52.870	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	73436	48.508	ug/l	97
94) Hexachlorobutadiene	13.725	225	28488	46.044	ug/l	98
95) Naphthalene	13.774	128	239250	49.454	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	71680	49.810	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
Data File : VX040525.D
Acq On : 28 Feb 2024 20:38
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By : John Carlone 02/29/2024
Supervised By : Mahesh Dadoda 02/29/2024

Quant Time: Feb 29 03:55:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration

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

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

