

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041824\
 Data File : VX041164.D
 Acq On : 18 Apr 2024 15:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/19/2024
 Supervised By : Mahesh Dadoda 04/19/2024

Quant Time: Apr 19 03:33:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	237065	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	320514	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	292164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	122699	47.939	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.880%		
35) Dibromofluoromethane	5.379	113	106637	49.805	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.620%		
50) Toluene-d8	8.647	98	379060	50.544	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.080%		
62) 4-Bromofluorobenzene	11.079	95	142528	50.064	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.120%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	86024	45.749	ug/l	99
3) Chloromethane	1.294	50	90259	43.191	ug/l	99
4) Vinyl Chloride	1.374	62	96071	40.110	ug/l	100
5) Bromomethane	1.599	94	52857	35.200	ug/l	97
6) Chloroethane	1.666	64	35856	22.680	ug/l	99
7) Trichlorofluoromethane	1.855	101	158493	42.157	ug/l	99
8) Diethyl Ether	2.136	74	65267	44.239	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.313	101	102136	46.734	ug/l	87
10) Methyl Iodide	2.441	142	117982	51.389	ug/l	89
11) Tert butyl alcohol	3.050	59	106288	212.272	ug/l	# 94
12) 1,1-Dichloroethene	2.306	96	93950	44.902	ug/l	# 81
13) Acrolein	2.239	56	141320	224.419	ug/l	98
14) Allyl chloride	2.654	41	156937	46.378	ug/l	93
15) Acrylonitrile	3.069	53	283450	228.635	ug/l	99
16) Acetone	2.392	43	240536	223.588	ug/l	94
17) Carbon Disulfide	2.495	76	164462	34.531	ug/l	99
18) Methyl Acetate	2.709	43	133557	49.727	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	323425	50.011	ug/l	99
20) Methylene Chloride	2.782	84	103518	45.095	ug/l	92
21) trans-1,2-Dichloroethene	3.081	96	95020	44.273	ug/l	88
22) Diisopropyl ether	3.764	45	319273	49.267	ug/l	# 84
23) Vinyl Acetate	3.721	43	1425393	242.702	ug/l	95
24) 1,1-Dichloroethane	3.605	63	177321	46.735	ug/l	97
25) 2-Butanone	4.568	43	379854	224.728	ug/l	94
26) 2,2-Dichloropropane	4.465	77	148855	49.426	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	119944	46.259	ug/l	89
28) Bromochloromethane	4.891	49	66456	44.805	ug/l	# 16
29) Tetrahydrofuran	5.007	42	252371	225.530	ug/l	94
30) Chloroform	5.086	83	190438	46.190	ug/l	99
31) Cyclohexane	5.458	56	145889	46.013	ug/l	89
32) 1,1,1-Trichloroethane	5.373	97	167030	46.163	ug/l	96
36) 1,1-Dichloropropene	5.684	75	125896	46.444	ug/l	96
37) Ethyl Acetate	4.715	43	151162	46.696	ug/l	98
38) Carbon Tetrachloride	5.666	117	143586	45.683	ug/l	96
39) Methylcyclohexane	7.373	83	166166	48.853	ug/l	92
40) Benzene	6.031	78	394814	47.714	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	82218	48.463	ug/l	93
42) 1,2-Dichloroethane	6.080	62	139060	46.900	ug/l	94
43) Isopropyl Acetate	6.342	43	235087	48.905	ug/l	96
44) Trichloroethene	7.123	130	114396	46.547	ug/l	86
45) 1,2-Dichloropropane	7.428	63	95973	48.846	ug/l	98
46) Dibromomethane	7.580	93	72541	46.957	ug/l #	77
47) Bromodichloromethane	7.818	83	140453	46.708	ug/l	98
48) Methyl methacrylate	7.696	41	117533	50.091	ug/l	92
49) 1,4-Dioxane	7.677	88	48940	892.592	ug/l #	89
51) 4-Methyl-2-Pentanone	8.580	43	775259	237.404	ug/l	97
52) Toluene	8.714	92	258951	47.940	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	141062	48.909	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	155940	49.214	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	106104	48.924	ug/l	97
56) Ethyl methacrylate	9.116	69	167326	47.758	ug/l	93
57) 1,3-Dichloropropane	9.305	76	170721	48.309	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	400067	262.293	ug/l	92
59) 2-Hexanone	9.433	43	609790	241.391	ug/l	94
60) Dibromochloromethane	9.519	129	121755	46.413	ug/l	100
61) 1,2-Dibromoethane	9.610	107	110454	46.624	ug/l	99
64) Tetrachloroethene	9.269	164	110488	47.586	ug/l	91
65) Chlorobenzene	10.079	112	304936	47.281	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	108814	49.320	ug/l	98
67) Ethyl Benzene	10.195	91	500115	49.694	ug/l	96
68) m/p-Xylenes	10.299	106	399821	99.881	ug/l	91
69) o-Xylene	10.640	106	198081	50.834	ug/l	91
70) Styrene	10.653	104	333964	50.474	ug/l	95
71) Bromoform	10.799	173	99071	47.675	ug/l #	100
73) Isopropylbenzene	10.963	105	517401	53.719	ug/l	95
74) N-amyl acetate	10.842	43	215641	56.439	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	166147	52.570	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	132904m	49.947	ug/l	
77) Bromobenzene	11.195	156	146623	51.854	ug/l	77
78) n-propylbenzene	11.305	91	576169	53.344	ug/l	95
79) 2-Chlorotoluene	11.366	91	346925	52.689	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	435744	54.311	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	48856	47.594	ug/l	91
82) 4-Chlorotoluene	11.451	91	398658	52.000	ug/l	92
83) tert-Butylbenzene	11.713	119	470374	54.971	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	437346	54.620	ug/l	92
85) sec-Butylbenzene	11.890	105	556674	54.218	ug/l	95
86) p-Isopropyltoluene	12.006	119	494912	54.314	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	267536	50.154	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	270381	48.062	ug/l	95
89) n-Butylbenzene	12.329	91	397389	51.405	ug/l	97
90) Hexachloroethane	12.536	117	78687	50.996	ug/l #	58
91) 1,2-Dichlorobenzene	12.335	146	274783	51.910	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	35358	51.579	ug/l #	51
93) 1,2,4-Trichlorobenzene	13.585	180	201006	50.525	ug/l	95
94) Hexachlorobutadiene	13.725	225	101641	53.592	ug/l	99
95) Naphthalene	13.774	128	575365	53.545	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	207024	52.407	ug/l	96

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

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