

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040324\
 Data File : VX040862.D
 Acq On : 03 Apr 2024 10:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 03 16:37:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/03/2024
 Supervised By : Semsettin Yesilyurt 04/03/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	52239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	87562	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	82342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	43097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	43574	46.488	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.980%		
35) Dibromofluoromethane	5.379	113	29734	47.943	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.880%		
50) Toluene-d8	8.647	98	105966	47.283	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.560%		
62) 4-Bromofluorobenzene	11.079	95	42274	47.235	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.480%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	32132	45.380	ug/l	100
3) Chloromethane	1.301	50	31536	51.555	ug/l	99
4) Vinyl Chloride	1.374	62	33281	52.708	ug/l	100
5) Bromomethane	1.599	94	22114	56.928	ug/l	98
6) Chloroethane	1.685	64	20980	51.545	ug/l	96
7) Trichlorofluoromethane	1.886	101	57542	47.607	ug/l	99
8) Diethyl Ether	2.136	74	18432	47.190	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	29022	46.575	ug/l	98
10) Methyl Iodide	2.453	142	35089	46.421	ug/l	99
11) Tert butyl alcohol	2.953	59	37418	218.658	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	26393	45.161	ug/l	96
13) Acrolein	2.233	56	20548	219.972	ug/l	99
14) Allyl chloride	2.660	41	49844	47.610	ug/l	90
15) Acrylonitrile	3.062	53	85048	235.595	ug/l	97
16) Acetone	2.374	43	85269	234.288	ug/l	96
17) Carbon Disulfide	2.514	76	75093	44.416	ug/l	98
18) Methyl Acetate	2.703	43	38415	44.490	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	96802	47.057	ug/l	99
20) Methylene Chloride	2.788	84	29560	43.827	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	27591	44.698	ug/l	98
22) Diisopropyl ether	3.757	45	98867	48.526	ug/l	97
23) Vinyl Acetate	3.715	43	482134	246.898	ug/l	99
24) 1,1-Dichloroethane	3.605	63	54895	47.160	ug/l	98
25) 2-Butanone	4.550	43	126746	234.435	ug/l	99
26) 2,2-Dichloropropane	4.471	77	47469	47.500	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	33976	47.665	ug/l	99
28) Bromochloromethane	4.897	49	24644	47.086	ug/l	98
29) Tetrahydrofuran	4.995	42	81892	233.043	ug/l	99
30) Chloroform	5.086	83	60191	47.508	ug/l	98
31) Cyclohexane	5.471	56	45233	45.477	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	52998	47.073	ug/l	97
36) 1,1-Dichloropropene	5.690	75	41177	46.726	ug/l	98
37) Ethyl Acetate	4.708	43	50562	46.725	ug/l	97
38) Carbon Tetrachloride	5.678	117	45742	46.888	ug/l	96
39) Methylcyclohexane	7.379	83	46726	44.377	ug/l	99
40) Benzene	6.037	78	115471	47.211	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	27244	49.024	ug/l	96
42) 1,2-Dichloroethane	6.080	62	50874	47.890	ug/l	96
43) Isopropyl Acetate	6.330	43	81813	48.956	ug/l	96
44) Trichloroethene	7.123	130	29041	47.541	ug/l	97
45) 1,2-Dichloropropane	7.428	63	29651	50.783	ug/l	100
46) Dibromomethane	7.574	93	23486	49.076	ug/l	98
47) Bromodichloromethane	7.818	83	48353	48.561	ug/l	95
48) Methyl methacrylate	7.690	41	41080	50.199	ug/l	95
49) 1,4-Dioxane	7.653	88	15296	979.493	ug/l #	96
51) 4-Methyl-2-Pentanone	8.568	43	267929	241.707	ug/l	95
52) Toluene	8.714	92	72567	47.020	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	47920	46.790	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	48544	49.168	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	29224	48.522	ug/l	95
56) Ethyl methacrylate	9.110	69	50800	49.120	ug/l #	92
57) 1,3-Dichloropropane	9.305	76	51164	48.573	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	124638	248.597	ug/l	97
59) 2-Hexanone	9.427	43	212651	239.200	ug/l	95
60) Dibromochloromethane	9.519	129	35694	49.644	ug/l	100
61) 1,2-Dibromoethane	9.604	107	31925	49.131	ug/l	98
64) Tetrachloroethene	9.269	164	24976	45.836	ug/l	97
65) Chlorobenzene	10.079	112	82587	45.861	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	28188	47.157	ug/l	99
67) Ethyl Benzene	10.189	91	148619	46.277	ug/l	96
68) m/p-Xylenes	10.299	106	108467	92.826	ug/l	90
69) o-Xylene	10.640	106	52018	47.254	ug/l	90
70) Styrene	10.653	104	91549	47.992	ug/l	97
71) Bromoform	10.799	173	24717	46.860	ug/l #	98
73) Isopropylbenzene	10.963	105	143204	47.576	ug/l	100
74) N-amyl acetate	10.842	43	75266	49.368	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.207	83	49250	47.852	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	43447m	47.276	ug/l	
77) Bromobenzene	11.195	156	33936	48.062	ug/l	98
78) n-propylbenzene	11.305	91	176933	47.034	ug/l	98
79) 2-Chlorotoluene	11.360	91	103065	45.909	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	124583	48.461	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	16373	48.068	ug/l	97
82) 4-Chlorotoluene	11.451	91	127905	47.720	ug/l	98
83) tert-Butylbenzene	11.713	119	120809	47.369	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	126256	48.752	ug/l	99
85) sec-Butylbenzene	11.890	105	155421	47.983	ug/l	99
86) p-Isopropyltoluene	12.006	119	129063	47.507	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	66056	46.282	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	67978	44.887	ug/l	99
89) n-Butylbenzene	12.329	91	129247	48.156	ug/l	97
90) Hexachloroethane	12.536	117	23129	48.872	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	63988	45.747	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13270	50.177	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	44194	45.576	ug/l	96
94) Hexachlorobutadiene	13.725	225	16320	43.935	ug/l	98
95) Naphthalene	13.774	128	151616	48.560	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	43842	47.393	ug/l	99

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

