

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062524\
 Data File : VX042040.D
 Acq On : 25 Jun 2024 18:18
 Operator : JC/MD
 Sample : P3056-05MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-196-GW-680-682MS

Quant Time: Jun 26 05:42:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/26/2024
 Supervised By : Mahesh Dadoda 06/26/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	153635	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	225292	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87027	49.123	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.240%		
35) Dibromofluoromethane	5.385	113	82627	51.688	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.380%		
50) Toluene-d8	8.647	98	280662	49.977	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.960%		
62) 4-Bromofluorobenzene	11.079	95	105296	50.864	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.720%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	53262	45.506	ug/l	99
3) Chloromethane	1.300	50	63036	42.929	ug/l	99
4) Vinyl Chloride	1.374	62	66330	45.064	ug/l	97
5) Bromomethane	1.599	94	34315	47.212	ug/l	98
6) Chloroethane	1.666	64	35818	59.100	ug/l	97
7) Trichlorofluoromethane	1.867	101	105661	54.791	ug/l	99
8) Diethyl Ether	2.136	74	44709	49.390	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.319	101	66318	49.922	ug/l #	86
10) Methyl Iodide	2.441	142	82790	50.142	ug/l #	87
11) Tert butyl alcohol	3.001	59	94258	280.346	ug/l #	93
12) 1,1-Dichloroethene	2.306	96	67363	50.836	ug/l	83
13) Acrolein	2.239	56	98293	260.801	ug/l	97
14) Allyl chloride	2.660	41	104872	49.902	ug/l	88
15) Acrylonitrile	3.075	53	249278	283.848	ug/l	99
16) Acetone	2.392	43	199408	256.337	ug/l	90
17) Carbon Disulfide	2.501	76	108902	40.306	ug/l	99
18) Methyl Acetate	2.709	43	123651	58.268	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	242890	55.482	ug/l	100
20) Methylene Chloride	2.782	84	81016	47.562	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	66784	49.658	ug/l	86
22) Diisopropyl ether	3.770	45	240380	54.113	ug/l #	80
23) Vinyl Acetate	3.727	43	966711	254.823	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	134261	53.972	ug/l	98
25) 2-Butanone	4.568	43	343142	283.532	ug/l	94
26) 2,2-Dichloropropane	4.471	77	83159	46.163	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	89257	52.991	ug/l	85
28) Bromochloromethane	4.897	49	50748	47.629	ug/l #	73
29) Tetrahydrofuran	5.013	42	223109	285.446	ug/l	94
30) Chloroform	5.092	83	141163	54.468	ug/l	98
31) Cyclohexane	5.464	56	96897	46.768	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	117682	54.342	ug/l	96
36) 1,1-Dichloropropene	5.690	75	84966	50.053	ug/l	95
37) Ethyl Acetate	4.727	43	115349	52.164	ug/l	97
38) Carbon Tetrachloride	5.672	117	99469	53.034	ug/l	99
39) Methylcyclohexane	7.379	83	100799	46.953	ug/l	92
40) Benzene	6.037	78	298554	52.148	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	69389	57.888	ug/l	92
42) 1,2-Dichloroethane	6.086	62	99216	53.801	ug/l	91
43) Isopropyl Acetate	6.348	43	178650	52.634	ug/l	94
44) Trichloroethene	7.123	130	79205	51.612	ug/l	88
45) 1,2-Dichloropropane	7.434	63	77095	54.765	ug/l	100
46) Dibromomethane	7.580	93	54528	53.162	ug/l #	75
47) Bromodichloromethane	7.824	83	104060	55.258	ug/l	97
48) Methyl methacrylate	7.696	41	89238	55.090	ug/l #	84
49) 1,4-Dioxane	7.671	88	48483m	1128.535	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	661658	282.994	ug/l	94
52) Toluene	8.720	92	193774	53.152	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	99972	50.183	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	110014	53.360	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	83448	54.945	ug/l	96
56) Ethyl methacrylate	9.116	69	133244	56.394	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	134454	54.796	ug/l	99
59) 2-Hexanone	9.433	43	514750	287.449	ug/l	91
60) Dibromochloromethane	9.518	129	92623	56.145	ug/l	100
61) 1,2-Dibromoethane	9.610	107	86365	54.834	ug/l	99
64) Tetrachloroethene	9.275	164	73691	50.055	ug/l	90
65) Chlorobenzene	10.079	112	226404	53.838	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	83785	56.907	ug/l	99
67) Ethyl Benzene	10.195	91	359117	54.492	ug/l	97
68) m/p-Xylenes	10.299	106	287599	108.106	ug/l	91
69) o-Xylene	10.640	106	145580	55.273	ug/l	91
70) Styrene	10.652	104	242424	54.889	ug/l	94
71) Bromoform	10.799	173	76447	53.582	ug/l #	99
73) Isopropylbenzene	10.963	105	373569	56.097	ug/l	97
74) N-amyl acetate	10.841	43	153148	51.773	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	137874	55.681	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	109782m	55.215	ug/l	
77) Bromobenzene	11.195	156	107524	54.214	ug/l	79
78) n-propylbenzene	11.305	91	399051	55.227	ug/l	95
79) 2-Chlorotoluene	11.366	91	252398	54.216	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	306488	55.255	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	36949	52.776	ug/l	89
82) 4-Chlorotoluene	11.451	91	280900	54.583	ug/l	92
83) tert-Butylbenzene	11.713	119	336320	55.259	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	313872	56.402	ug/l	94
85) sec-Butylbenzene	11.890	105	385377	55.981	ug/l	95
86) p-Isopropyltoluene	12.006	119	336823	56.011	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	190076	54.524	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	191080	53.421	ug/l	95
89) n-Butylbenzene	12.329	91	252343	54.513	ug/l	97
90) Hexachloroethane	12.536	117	57562	56.224	ug/l	60
91) 1,2-Dichlorobenzene	12.335	146	199405	55.899	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	29403	59.920	ug/l #	48
93) 1,2,4-Trichlorobenzene	13.585	180	125519	53.713	ug/l	96
94) Hexachlorobutadiene	13.725	225	60697	51.366	ug/l	100
95) Naphthalene	13.774	128	408216	51.957	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	134707	54.657	ug/l	96

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

