

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
 Data File : VX032041.D
 Acq On : 11 Oct 2022 16:55
 Operator : JC/MD
 Sample : N5091-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-01-255-275-101022MS

Quant Time: Oct 12 05:14:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/12/2022
 Supervised By :Mahesh Dadoda 10/12/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	61165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	94463	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68493	54.222	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.440%			
35) Dibromofluoromethane	5.385	113	55185	51.610	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.220%			
50) Toluene-d8	8.647	98	199573	51.870	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.740%			
62) 4-Bromofluorobenzene	11.079	95	75624	55.596	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	47553	52.240	ug/l	98
3) Chloromethane	1.288	50	43975	46.134	ug/l	98
4) Vinyl Chloride	1.374	62	50847	45.645	ug/l	97
5) Bromomethane	1.612	94	42445	59.445	ug/l	99
6) Chloroethane	1.685	64	43344	45.724	ug/l	99
7) Trichlorofluoromethane	1.886	101	98442	49.163	ug/l	98
8) Diethyl Ether	2.130	74	33533	49.130	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	49061	48.474	ug/l	93
10) Methyl Iodide	2.453	142	42880	42.099	ug/l	99
11) Tert butyl alcohol	2.989	59	39625	252.129	ug/l	100
12) 1,1-Dichloroethene	2.319	96	45473	48.808	ug/l	94
13) Acrolein	2.240	56	23451	259.392	ug/l	100
14) Allyl chloride	2.666	41	68552	51.712	ug/l	97
15) Acrylonitrile	3.069	53	129432	258.344	ug/l	99
16) Acetone	2.386	43	107202	249.708	ug/l	96
17) Carbon Disulfide	2.508	76	91829	45.899	ug/l	98
18) Methyl Acetate	2.703	43	72275	51.023	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	160830	51.442	ug/l	96
20) Methylene Chloride	2.788	84	52520	46.554	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	49274	47.758	ug/l	97
22) Diisopropyl ether	3.764	45	159511	53.524	ug/l	97
23) Vinyl Acetate	3.721	43	598802	268.808	ug/l	99
24) 1,1-Dichloroethane	3.611	63	92310	51.673	ug/l	98
25) 2-Butanone	4.562	43	175013	260.783	ug/l	99
26) 2,2-Dichloropropane	4.477	77	61049	47.578	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	59609	48.285	ug/l	92
28) Bromochloromethane	4.904	49	42658	55.788	ug/l	90
29) Tetrahydrofuran	5.013	42	110495	255.176	ug/l	95
30) Chloroform	5.093	83	103671	52.100	ug/l	100
31) Cyclohexane	5.471	56	73901	48.972	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	87558	51.780	ug/l	100
36) 1,1-Dichloropropene	5.696	75	70765	49.908	ug/l	98
37) Ethyl Acetate	4.715	43	68110	51.023	ug/l	98
38) Carbon Tetrachloride	5.678	117	74491	51.381	ug/l	99
39) Methylcyclohexane	7.379	83	83200	49.194	ug/l	97
40) Benzene	6.038	78	207850	50.061	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	38302	55.178	ug/l	95
42) 1,2-Dichloroethane	6.086	62	82389	54.455	ug/l	99
43) Isopropyl Acetate	6.342	43	110832	54.723	ug/l	99
44) Trichloroethene	7.129	130	58164	47.777	ug/l	92
45) 1,2-Dichloropropane	7.434	63	53770	52.697	ug/l	93
46) Dibromomethane	7.586	93	41004	51.853	ug/l	95
47) Bromodichloromethane	7.824	83	76335	55.880	ug/l	98
48) Methyl methacrylate	7.696	41	55816	57.673	ug/l	93
49) 1,4-Dioxane	7.684	88	22289	1019.418	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	372999	277.908	ug/l	100
52) Toluene	8.720	92	171674	63.239	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	74654	50.748	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	80365	54.323	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	57499	50.184	ug/l	97
56) Ethyl methacrylate	9.116	69	81793	55.692	ug/l	96
57) 1,3-Dichloropropane	9.311	76	95251	51.734	ug/l	100
59) 2-Hexanone	9.433	43	278044	280.957	ug/l	100
60) Dibromochloromethane	9.525	129	58001	55.314	ug/l	99
61) 1,2-Dibromoethane	9.610	107	60793	52.761	ug/l	98
64) Tetrachloroethene	9.275	164	55838	47.721	ug/l	98
65) Chlorobenzene	10.080	112	148052	47.145	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	55098	50.706	ug/l	98
67) Ethyl Benzene	10.195	91	269710	50.768	ug/l	98
68) m/p-Xylenes	10.305	106	209624	99.292	ug/l	98
69) o-Xylene	10.640	106	100778	49.112	ug/l	96
70) Styrene	10.653	104	172637	52.627	ug/l	99
71) Bromoform	10.799	173	38905	54.691	ug/l #	100
73) Isopropylbenzene	10.964	105	274041	48.690	ug/l	99
74) N-amyl acetate	10.848	43	97800	56.902	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	87690	49.037	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	77693m	50.799	ug/l	
77) Bromobenzene	11.201	156	65293	47.095	ug/l	99
78) n-propylbenzene	11.305	91	321141	50.165	ug/l	99
79) 2-Chlorotoluene	11.366	91	192567	49.985	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	236387	50.640	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	19594	45.788	ug/l #	83
82) 4-Chlorotoluene	11.457	91	226428	51.320	ug/l	98
83) tert-Butylbenzene	11.713	119	226376	48.999	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	236448	49.862	ug/l	98
85) sec-Butylbenzene	11.890	105	296022	51.754	ug/l	99
86) p-Isopropyltoluene	12.012	119	252036	52.335	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	125646	47.597	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	127300	46.851	ug/l	100
89) n-Butylbenzene	12.329	91	219093	54.327	ug/l	98
90) Hexachloroethane	12.536	117	37774	49.344	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	128587	48.994	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18366	56.107	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	78240	49.116	ug/l	99
94) Hexachlorobutadiene	13.725	225	32298	50.131	ug/l	99
95) Naphthalene	13.774	128	272967	50.008	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	81025	50.146	ug/l	98

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

