

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
 Data File : VX032742.D
 Acq On : 10 Nov 2022 20:33
 Operator : JC/MD
 Sample : N5558-03MS 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20221109MS

Quant Time: Nov 11 00:39:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2022
 Supervised By : Mahesh Dadoda 11/11/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	102778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	162051	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74138	51.915	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.820%			
35) Dibromofluoromethane	5.391	113	60182	52.064	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.120%			
50) Toluene-d8	8.653	98	199589	49.656	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.320%			
62) 4-Bromofluorobenzene	11.079	95	84008	53.506	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	55454	46.781	ug/l	100
3) Chloromethane	1.294	50	44716	44.605	ug/l	97
4) Vinyl Chloride	1.373	62	52433	47.524	ug/l	99
5) Bromomethane	1.611	94	44578	50.560	ug/l	97
6) Chloroethane	1.678	64	40685	54.968	ug/l	99
7) Trichlorofluoromethane	1.886	101	106573	50.980	ug/l	99
8) Diethyl Ether	2.129	74	35315	52.129	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	55839	50.608	ug/l	98
10) Methyl Iodide	2.453	142	46090	38.033	ug/l	99
11) Tert butyl alcohol	2.983	59	52117	250.738	ug/l	100
12) 1,1-Dichloroethene	2.318	96	50790	49.276	ug/l	95
13) Acrolein	2.239	56	54589	263.076	ug/l	99
14) Allyl chloride	2.666	41	86975	52.935	ug/l	98
15) Acrylonitrile	3.062	53	144321	255.841	ug/l	100
16) Acetone	2.386	43	130624	251.665	ug/l	97
17) Carbon Disulfide	2.514	76	102268	41.657	ug/l	99
18) Methyl Acetate	2.703	43	100258	59.400	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	198624	54.828	ug/l	99
20) Methylene Chloride	2.788	84	59818	50.265	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	55720	49.664	ug/l	98
22) Diisopropyl ether	3.757	45	195364	54.971	ug/l #	86
23) Vinyl Acetate	3.721	43	758115	264.034	ug/l	100
24) 1,1-Dichloroethane	3.611	63	109154	53.397	ug/l	99
25) 2-Butanone	4.562	43	206309	256.559	ug/l	97
26) 2,2-Dichloropropane	4.477	77	78523	48.322	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	97104	74.877	ug/l	98
28) Bromochloromethane	4.903	49	33636	46.195	ug/l	100
29) Tetrahydrofuran	5.007	42	132158	257.734	ug/l	100
30) Chloroform	5.092	83	124116	55.333	ug/l	96
31) Cyclohexane	5.470	56	85069	49.130	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	110328	54.811	ug/l	99
36) 1,1-Dichloropropene	5.696	75	82658	51.351	ug/l	98
37) Ethyl Acetate	4.714	43	83409	49.781	ug/l	99
38) Carbon Tetrachloride	5.684	117	91944	51.499	ug/l	97
39) Methylcyclohexane	7.379	83	89944	47.227	ug/l	97
40) Benzene	6.043	78	239759	52.635	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	47715	55.902	ug/l	97
42) 1,2-Dichloroethane	6.086	62	102642	55.124	ug/l	100
43) Isopropyl Acetate	6.342	43	142154	55.256	ug/l	99
44) Trichloroethene	7.129	130	211086	164.615	ug/l	99
45) 1,2-Dichloropropane	7.433	63	62545	53.489	ug/l	100
46) Dibromomethane	7.580	93	50065	55.829	ug/l	99
47) Bromodichloromethane	7.824	83	91600	53.895	ug/l	96
48) Methyl methacrylate	7.696	41	71504	53.816	ug/l	100
49) 1,4-Dioxane	7.683	88	24914	983.928	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	440692	271.959	ug/l	100
52) Toluene	8.720	92	159525	53.678	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	96514	55.657	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	100476	54.172	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	68827	54.991	ug/l	99
56) Ethyl methacrylate	9.116	69	102202	56.743	ug/l	99
57) 1,3-Dichloropropane	9.311	76	109909	54.379	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	237162	273.461	ug/l	99
59) 2-Hexanone	9.433	43	327056	272.007	ug/l	99
60) Dibromochloromethane	9.524	129	66321	48.514	ug/l	100
61) 1,2-Dibromoethane	9.610	107	71951	54.255	ug/l	100
64) Tetrachloroethene	9.275	164	60108	54.997	ug/l	96
65) Chlorobenzene	10.079	112	177965	53.206	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	69024	54.830	ug/l	98
67) Ethyl Benzene	10.195	91	319884	53.480	ug/l	100
68) m/p-Xylenes	10.305	106	248072	106.807	ug/l	99
69) o-Xylene	10.640	106	122429	54.215	ug/l	99
70) Styrene	10.658	104	204336	54.446	ug/l	99
71) Bromoform	10.799	173	42323	42.522	ug/l #	99
73) Isopropylbenzene	10.963	105	327449	52.227	ug/l	100
74) N-amyl acetate	10.841	43	129174	54.528	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	102920	51.141	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	93714m	53.239	ug/l	
77) Bromobenzene	11.201	156	80519	52.384	ug/l	99
78) n-propylbenzene	11.305	91	377605	52.274	ug/l	100
79) 2-Chlorotoluene	11.366	91	227426	52.572	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	280023	52.258	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	26144	47.261	ug/l	98
82) 4-Chlorotoluene	11.457	91	265250	52.400	ug/l	100
83) tert-Butylbenzene	11.713	119	277989	51.963	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	280292	52.592	ug/l	100
85) sec-Butylbenzene	11.890	105	336111	52.214	ug/l	100
86) p-Isopropyltoluene	12.012	119	286473	52.447	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	149208	51.461	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	153268	50.954	ug/l	99
89) n-Butylbenzene	12.335	91	242160	50.960	ug/l	100
90) Hexachloroethane	12.542	117	42111	47.200	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	150396	52.606	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20178	45.729	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	92499	49.621	ug/l	98
94) Hexachlorobutadiene	13.725	225	36938	47.446	ug/l	100
95) Naphthalene	13.774	128	315203	50.746	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	94440	49.839	ug/l	99

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

