

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
 Data File : VX032724.D
 Acq On : 10 Nov 2022 13:37
 Operator : JC/MD
 Sample : VX1110WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1110WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Nov 11 00:35:39 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	103015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	160251	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72322	50.526	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.060%			
35) Dibromofluoromethane	5.385	113	57168	50.012	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.020%			
50) Toluene-d8	8.653	98	187392	47.145	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.300%			
62) 4-Bromofluorobenzene	11.079	95	78105	50.305	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21626	18.202	ug/l	95
3) Chloromethane	1.294	50	17038	16.957	ug/l	94
4) Vinyl Chloride	1.374	62	19553	17.682	ug/l	99
5) Bromomethane	1.611	94	18034	20.407	ug/l	93
6) Chloroethane	1.685	64	13476	18.165	ug/l	98
7) Trichlorofluoromethane	1.886	101	39975	19.078	ug/l	99
8) Diethyl Ether	2.130	74	13934	20.521	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	21501	19.442	ug/l	99
10) Methyl Iodide	2.453	142	19914	17.485	ug/l	97
11) Tert butyl alcohol	2.971	59	20049	96.235	ug/l	100
12) 1,1-Dichloroethene	2.319	96	19028	18.418	ug/l	92
13) Acrolein	2.239	56	15099	72.598	ug/l	99
14) Allyl chloride	2.666	41	32445	19.701	ug/l	97
15) Acrylonitrile	3.062	53	55230	97.682	ug/l	99
16) Acetone	2.386	43	51517	99.026	ug/l	97
17) Carbon Disulfide	2.514	76	38097	15.482	ug/l	97
18) Methyl Acetate	2.703	43	36459	21.551	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	75609	20.823	ug/l	99
20) Methylene Chloride	2.794	84	22997	19.280	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	20936	18.618	ug/l	96
22) Diisopropyl ether	3.757	45	72334	20.306	ug/l #	83
23) Vinyl Acetate	3.721	43	283494	98.507	ug/l	98
24) 1,1-Dichloroethane	3.611	63	40329	19.683	ug/l	98
25) 2-Butanone	4.562	43	75457	93.620	ug/l	99
26) 2,2-Dichloropropane	4.477	77	33233	20.404	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	26242	20.189	ug/l	100
28) Bromochloromethane	4.898	49	14112	19.336	ug/l	99
29) Tetrahydrofuran	5.007	42	48851	95.050	ug/l	100
30) Chloroform	5.093	83	45493	20.235	ug/l	95
31) Cyclohexane	5.477	56	32739	18.864	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	40159	19.905	ug/l	99
36) 1,1-Dichloropropene	5.696	75	30803	19.351	ug/l	99
37) Ethyl Acetate	4.709	43	31074	18.754	ug/l	97
38) Carbon Tetrachloride	5.684	117	34465	19.521	ug/l	96
39) Methylcyclohexane	7.385	83	34573	18.357	ug/l	99
40) Benzene	6.044	78	90107	20.004	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	17385	20.597	ug/l	99
42) 1,2-Dichloroethane	6.092	62	38901	21.126	ug/l	99
43) Isopropyl Acetate	6.342	43	51905	20.403	ug/l	98
44) Trichloroethene	7.129	130	24727	19.500	ug/l	97
45) 1,2-Dichloropropane	7.434	63	23671	20.471	ug/l	99
46) Dibromomethane	7.586	93	17964	20.257	ug/l	99
47) Bromodichloromethane	7.824	83	34346	20.435	ug/l	100
48) Methyl methacrylate	7.696	41	26582	20.231	ug/l	99
49) 1,4-Dioxane	7.684	88	9606	383.631	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	163161	101.821	ug/l	99
52) Toluene	8.720	92	58044	19.750	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	34649	20.205	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	37334	20.355	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	25979	20.990	ug/l	97
56) Ethyl methacrylate	9.116	69	37294	20.939	ug/l	99
57) 1,3-Dichloropropane	9.311	76	41251	20.639	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	87891	102.481	ug/l	100
59) 2-Hexanone	9.433	43	120893	101.674	ug/l	99
60) Dibromochloromethane	9.525	129	26544	19.635	ug/l	99
61) 1,2-Dibromoethane	9.610	107	26892	20.506	ug/l	99
64) Tetrachloroethene	9.275	164	20712	19.405	ug/l	97
65) Chlorobenzene	10.079	112	65965	20.194	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	25092	20.410	ug/l	100
67) Ethyl Benzene	10.195	91	117530	20.120	ug/l	100
68) m/p-Xylenes	10.305	106	89676	39.535	ug/l	99
69) o-Xylene	10.640	106	44640	20.242	ug/l	98
70) Styrene	10.659	104	74143	20.229	ug/l	99
71) Bromoform	10.799	173	18229	18.754	ug/l #	98
73) Isopropylbenzene	10.963	105	119540	20.174	ug/l	99
74) N-amyl acetate	10.842	43	45606	20.371	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	38482	20.233	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	34571m	20.781	ug/l	
77) Bromobenzene	11.201	156	29540	20.335	ug/l	98
78) n-propylbenzene	11.305	91	135380	19.831	ug/l	99
79) 2-Chlorotoluene	11.366	91	82257	20.120	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	102506	20.242	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	9387	17.955	ug/l	92
82) 4-Chlorotoluene	11.457	91	97871	20.458	ug/l	99
83) tert-Butylbenzene	11.713	119	103105	20.393	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	103417	20.532	ug/l	99
85) sec-Butylbenzene	11.890	105	123271	20.263	ug/l	99
86) p-Isopropyltoluene	12.012	119	103880	20.124	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	55001	20.072	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	55990	19.696	ug/l	99
89) n-Butylbenzene	12.335	91	86351	19.228	ug/l	100
90) Hexachloroethane	12.542	117	15662	18.575	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	54705	20.247	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7837	18.793	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	34970	19.850	ug/l	96
94) Hexachlorobutadiene	13.725	225	14036	19.077	ug/l	99
95) Naphthalene	13.774	128	116404	19.829	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	35325	19.725	ug/l	98

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

