

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032323\
 Data File : VX034688.D
 Acq On : 23 Mar 2023 10:38
 Operator : JC/MD
 Sample : VX0323WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBSD01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Mahesh Dadoda 03/24/2023

Quant Time: Mar 23 13:28:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	300898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	507432	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	451946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	218957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	218398	49.892	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.780%		
35) Dibromofluoromethane	5.385	113	162021	48.360	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.720%		
50) Toluene-d8	8.647	98	573062	45.820	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.640%#		
62) 4-Bromofluorobenzene	11.079	95	234517	46.422	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	68267	24.336	ug/l	99
3) Chloromethane	1.295	50	82368	18.558	ug/l	98
4) Vinyl Chloride	1.374	62	78859	20.646	ug/l	99
5) Bromomethane	1.618	94	49824	25.854	ug/l	99
6) Chloroethane	1.691	64	45657	20.761	ug/l	98
7) Trichlorofluoromethane	1.892	101	112399	19.584	ug/l	100
8) Diethyl Ether	2.130	74	45337	21.640	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	65001	19.434	ug/l	99
10) Methyl Iodide	2.453	142	82278	18.737	ug/l	91
11) Tert butyl alcohol	2.995	59	83851	91.985	ug/l	100
12) 1,1-Dichloroethene	2.319	96	63992	19.427	ug/l	92
13) Acrolein	2.239	56	55861	77.462	ug/l	99
14) Allyl chloride	2.666	41	126246	18.904	ug/l	96
15) Acrylonitrile	3.069	53	197028	100.057	ug/l	99
16) Acetone	2.386	43	187050	90.713	ug/l	95
17) Carbon Disulfide	2.514	76	154273	16.642	ug/l	99
18) Methyl Acetate	2.703	43	146017	21.672	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	245959	20.854	ug/l	98
20) Methylene Chloride	2.788	84	74777	18.685	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	69406	19.840	ug/l	96
22) Diisopropyl ether	3.757	45	255226	20.045	ug/l	98
23) Vinyl Acetate	3.721	43	952644	98.308	ug/l	98
24) 1,1-Dichloroethane	3.611	63	138950	20.301	ug/l	99
25) 2-Butanone	4.562	43	287695	97.509	ug/l	99
26) 2,2-Dichloropropane	4.477	77	115771	19.459	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	83551	19.840	ug/l	98
28) Bromochloromethane	4.898	49	62569	19.661	ug/l	98
29) Tetrahydrofuran	5.013	42	181837	99.878	ug/l	100
30) Chloroform	5.093	83	139629	20.811	ug/l	98
31) Cyclohexane	5.471	56	118569	19.314	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	122012	20.543	ug/l	98
36) 1,1-Dichloropropene	5.696	75	102911	19.999	ug/l	99
37) Ethyl Acetate	4.709	43	113684	20.222	ug/l	99
38) Carbon Tetrachloride	5.678	117	104544	20.422	ug/l	96
39) Methylcyclohexane	7.379	83	114458	18.586	ug/l	97
40) Benzene	6.038	78	297120	19.738	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	63410	20.582	ug/l	98
42) 1,2-Dichloroethane	6.086	62	120199	21.726	ug/l	99
43) Isopropyl Acetate	6.336	43	185777	19.507	ug/l	99
44) Trichloroethene	7.129	130	76918	19.666	ug/l	100
45) 1,2-Dichloropropane	7.434	63	77396	19.691	ug/l	97
46) Dibromomethane	7.580	93	54070	20.234	ug/l	99
47) Bromodichloromethane	7.824	83	104368	20.180	ug/l	99
48) Methyl methacrylate	7.696	41	94659	20.666	ug/l	97
49) 1,4-Dioxane	7.702	88	38396	399.110	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	563320	101.964	ug/l	100
52) Toluene	8.720	92	188551	20.231	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	112667	19.337	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	120935	19.185	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	76755	20.752	ug/l	98
56) Ethyl methacrylate	9.116	69	122781	20.218	ug/l	99
57) 1,3-Dichloropropane	9.311	76	131935	20.070	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	280226	89.538	ug/l	98
59) 2-Hexanone	9.427	43	424984	99.512	ug/l	100
60) Dibromochloromethane	9.519	129	75491	19.461	ug/l	100
61) 1,2-Dibromoethane	9.610	107	79655	19.957	ug/l	99
64) Tetrachloroethene	9.275	164	62460	20.574	ug/l	97
65) Chlorobenzene	10.080	112	198518	20.020	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	72330	20.028	ug/l	98
67) Ethyl Benzene	10.195	91	362254	20.406	ug/l	99
68) m/p-Xylenes	10.299	106	274766	40.292	ug/l	97
69) o-Xylene	10.640	106	137358	20.072	ug/l	97
70) Styrene	10.653	104	221327	20.046	ug/l	99
71) Bromoform	10.799	173	50279	18.086	ug/l #	99
73) Isopropylbenzene	10.964	105	355612	21.014	ug/l	98
74) N-amyl acetate	10.842	43	159569	19.687	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	115126	20.387	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	95887m	19.072	ug/l	
77) Bromobenzene	11.195	156	83728	20.622	ug/l	99
78) n-propylbenzene	11.305	91	404440	20.694	ug/l	99
79) 2-Chlorotoluene	11.366	91	252565	20.924	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	302134	21.286	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29986	16.135	ug/l	90
82) 4-Chlorotoluene	11.457	91	294844	21.207	ug/l	100
83) tert-Butylbenzene	11.713	119	290212	20.278	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	302280	20.838	ug/l	98
85) sec-Butylbenzene	11.890	105	351054	20.065	ug/l	99
86) p-Isopropyltoluene	12.012	119	293633	19.969	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	155494	19.546	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	157103	19.531	ug/l	98
89) n-Butylbenzene	12.335	91	247502	18.933	ug/l	99
90) Hexachloroethane	12.536	117	45829	16.843	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	155719	20.255	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25653	19.995	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	94981	19.756	ug/l	99
94) Hexachlorobutadiene	13.725	225	37124	19.167	ug/l	99
95) Naphthalene	13.774	128	339109	21.034	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	95587	20.340	ug/l	100

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

