

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032568.D
 Acq On : 04 Nov 2022 11:56
 Operator : JC/MD
 Sample : VX1104WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/07/2022
 Supervised By : Mahesh Dadoda 11/07/2022

Quant Time: Nov 05 00:34:17 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	106731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	163070	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	146202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72792	49.084	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.160%		
35) Dibromofluoromethane	5.391	113	58352	50.165	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.340%		
50) Toluene-d8	8.647	98	192991	47.715	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.420%		
62) 4-Bromofluorobenzene	11.079	95	76194	48.226	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22973	18.662	ug/l	99
3) Chloromethane	1.294	50	18695	17.958	ug/l	98
4) Vinyl Chloride	1.374	62	20839	18.189	ug/l	98
5) Bromomethane	1.617	94	18751	20.479	ug/l	99
6) Chloroethane	1.691	64	17701	23.030	ug/l	99
7) Trichlorofluoromethane	1.892	101	41235	18.994	ug/l	99
8) Diethyl Ether	2.136	74	13554	19.266	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	22293	19.456	ug/l	98
10) Methyl Iodide	2.453	142	25104	20.859	ug/l	99
11) Tert butyl alcohol	2.983	59	17702	82.011	ug/l	99
12) 1,1-Dichloroethene	2.319	96	18835	17.597	ug/l	94
13) Acrolein	2.239	56	22666	105.187	ug/l	97
14) Allyl chloride	2.666	41	31450	18.432	ug/l	98
15) Acrylonitrile	3.062	53	53596	91.492	ug/l	99
16) Acetone	2.386	43	49210	91.298	ug/l	99
17) Carbon Disulfide	2.514	76	42746	16.767	ug/l	99
18) Methyl Acetate	2.703	43	34406	19.629	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	70884	18.842	ug/l	97
20) Methylene Chloride	2.788	84	23343	18.888	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	20797	17.850	ug/l	93
22) Diisopropyl ether	3.757	45	70296	19.047	ug/l #	84
23) Vinyl Acetate	3.721	43	279082	93.598	ug/l	100
24) 1,1-Dichloroethane	3.611	63	41018	19.322	ug/l	98
25) 2-Butanone	4.562	43	73327	87.810	ug/l	94
26) 2,2-Dichloropropane	4.477	77	32311	19.147	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	24810	18.422	ug/l	97
28) Bromochloromethane	4.897	49	13391	17.710	ug/l	99
29) Tetrahydrofuran	5.013	42	46221	86.802	ug/l	99
30) Chloroform	5.099	83	44737	19.206	ug/l	99
31) Cyclohexane	5.464	56	32770	18.225	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	39668	18.977	ug/l	99
36) 1,1-Dichloropropene	5.696	75	30287	18.698	ug/l	98
37) Ethyl Acetate	4.714	43	30161	17.888	ug/l	97
38) Carbon Tetrachloride	5.684	117	34462	19.182	ug/l	93
39) Methylcyclohexane	7.379	83	36527	19.059	ug/l	97
40) Benzene	6.037	78	88329	19.270	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	16465	19.169	ug/l	99
42) 1,2-Dichloroethane	6.092	62	37745	20.144	ug/l	100
43) Isopropyl Acetate	6.336	43	49114	18.972	ug/l	99
44) Trichloroethene	7.123	130	24417	18.923	ug/l	100
45) 1,2-Dichloropropane	7.427	63	23411	19.896	ug/l	95
46) Dibromomethane	7.580	93	17696	19.610	ug/l	98
47) Bromodichloromethane	7.824	83	33932	19.840	ug/l	96
48) Methyl methacrylate	7.696	41	25564	19.120	ug/l	97
49) 1,4-Dioxane	7.689	88	9030	354.393	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	155589	95.417	ug/l	99
52) Toluene	8.720	92	57142	19.107	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	33887	19.419	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	36968	19.807	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	24376	19.354	ug/l	98
56) Ethyl methacrylate	9.116	69	34843	19.224	ug/l	97
57) 1,3-Dichloropropane	9.311	76	39999	19.666	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	88493	101.400	ug/l	99
59) 2-Hexanone	9.427	43	114578	94.697	ug/l	98
60) Dibromochloromethane	9.518	129	26484	19.252	ug/l	98
61) 1,2-Dibromoethane	9.610	107	25740	19.288	ug/l	99
64) Tetrachloroethene	9.275	164	21461	20.055	ug/l	97
65) Chlorobenzene	10.079	112	63380	19.353	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	24647	19.996	ug/l	98
67) Ethyl Benzene	10.195	91	113810	19.433	ug/l	99
68) m/p-Xylenes	10.305	106	87888	38.647	ug/l	99
69) o-Xylene	10.640	106	43549	19.696	ug/l	98
70) Styrene	10.658	104	71537	19.468	ug/l	99
71) Bromoform	10.799	173	18360	18.840	ug/l #	98
73) Isopropylbenzene	10.963	105	117402	19.260	ug/l	99
74) N-amyl acetate	10.841	43	42881	18.619	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	36925	18.872	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	33529m	19.592	ug/l	
77) Bromobenzene	11.201	156	28199	18.870	ug/l	98
78) n-propylbenzene	11.305	91	134442	19.143	ug/l	100
79) 2-Chlorotoluene	11.366	91	80773	19.205	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	100887	19.366	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	9565	17.785	ug/l	94
82) 4-Chlorotoluene	11.457	91	93579	19.015	ug/l	100
83) tert-Butylbenzene	11.713	119	100286	19.282	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	100771	19.448	ug/l	100
85) sec-Butylbenzene	11.890	105	123235	19.691	ug/l	100
86) p-Isopropyltoluene	12.012	119	104661	19.709	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	53496	18.978	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	54958	18.793	ug/l	99
89) n-Butylbenzene	12.335	91	88978	19.260	ug/l	99
90) Hexachloroethane	12.536	117	16656	19.202	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	53608	19.287	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8199	19.112	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	34477	19.024	ug/l	97
94) Hexachlorobutadiene	13.725	225	14914	19.704	ug/l	97
95) Naphthalene	13.774	128	110947	18.372	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	34209	18.569	ug/l	99

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

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