

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025502.D
 Acq On : 03 Dec 2021 23:43
 Operator : JC/MD
 Sample : VX1203WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 04 09:53:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	65380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	108842	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	40118	58.214	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 116.420%			
35) Dibromofluoromethane	5.391	113	34836	52.164	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.320%			
50) Toluene-d8	8.653	98	121990	48.584	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.160%			
62) 4-Bromofluorobenzene	11.079	95	45006	47.380	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	10060	17.751	ug/l	99
3) Chloromethane	1.294	50	12597	17.951	ug/l	98
4) Vinyl Chloride	1.374	62	12533	16.267	ug/l	99
5) Bromomethane	1.599	94	7532	22.739	ug/l	99
6) Chloroethane	1.685	64	9995	18.802	ug/l	100
7) Trichlorofluoromethane	1.886	101	19262	16.844	ug/l	95
8) Diethyl Ether	2.136	74	9736	20.630	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	10732	17.638	ug/l	97
10) Methyl Iodide	2.453	142	14601	19.192	ug/l	93
11) Tert butyl alcohol	2.965	59	20306	114.263	ug/l	96
12) 1,1-Dichloroethene	2.319	96	11383	18.785	ug/l	95
13) Acrolein	2.239	56	3540	112.127	ug/l	100
14) Allyl chloride	2.666	41	20559	18.746	ug/l	97
15) Acrylonitrile	3.068	53	42626	115.263	ug/l	97
16) Acetone	2.380	43	37231	97.226	ug/l	95
17) Carbon Disulfide	2.514	76	23875	14.006	ug/l	98
18) Methyl Acetate	2.709	43	27533	22.504	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	46863	22.195	ug/l	100
20) Methylene Chloride	2.794	84	14945	20.761	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	12963	19.527	ug/l	87
22) Diisopropyl ether	3.763	45	45252	21.667	ug/l	98
23) Vinyl Acetate	3.721	43	177564	105.842	ug/l	98
24) 1,1-Dichloroethane	3.611	63	24314	21.306	ug/l	98
25) 2-Butanone	4.562	43	58942	106.463	ug/l	97
26) 2,2-Dichloropropane	4.477	77	16999	16.430	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	16548	21.346	ug/l	89
28) Bromochloromethane	4.897	49	12596	23.671	ug/l	94
29) Tetrahydrofuran	5.007	42	38417	112.068	ug/l	98
30) Chloroform	5.099	83	26355	22.191	ug/l	95
31) Cyclohexane	5.470	56	17184	16.136	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	21335	19.622	ug/l	99
36) 1,1-Dichloropropene	5.696	75	16612	17.494	ug/l	98
37) Ethyl Acetate	4.714	43	22860	21.158	ug/l	98
38) Carbon Tetrachloride	5.684	117	18030	17.238	ug/l	99
39) Methylcyclohexane	7.379	83	17322	14.221	ug/l	93
40) Benzene	6.043	78	56013	19.472	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	11880	19.811	ug/l	95
42) 1,2-Dichloroethane	6.092	62	20783	22.204	ug/l	95
43) Isopropyl Acetate	6.342	43	35450	19.716	ug/l	98
44) Trichloroethene	7.123	130	15766	18.867	ug/l	84
45) 1,2-Dichloropropane	7.433	63	14146	20.022	ug/l	98
46) Dibromomethane	7.580	93	10832	21.119	ug/l	95
47) Bromodichloromethane	7.824	83	19561	19.407	ug/l	98
48) Methyl methacrylate	7.696	41	16910	20.039	ug/l	97
49) 1,4-Dioxane	7.665	88	7362	413.126	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	116499	103.328	ug/l	99
52) Toluene	8.720	92	35983	19.160	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	18704	16.687	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	21546	17.734	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	15768	21.124	ug/l	96
56) Ethyl methacrylate	9.116	69	23625	19.504	ug/l	96
57) 1,3-Dichloropropane	9.311	76	25911	20.944	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	60582	107.498	ug/l	95
59) 2-Hexanone	9.433	43	88112	99.129	ug/l	97
60) Dibromochloromethane	9.525	129	15522	18.067	ug/l	98
61) 1,2-Dibromoethane	9.610	107	16526	20.442	ug/l	97
64) Tetrachloroethene	9.275	164	15001	17.637	ug/l	97
65) Chlorobenzene	10.079	112	40774	19.399	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	15110	18.746	ug/l	100
67) Ethyl Benzene	10.195	91	66525	18.315	ug/l	99
68) m/p-Xylenes	10.305	106	53032	35.745	ug/l	94
69) o-Xylene	10.640	106	26621	18.333	ug/l	94
70) Styrene	10.659	104	44047	18.362	ug/l	97
71) Bromoform	10.799	173	11019	15.746	ug/l #	99
73) Isopropylbenzene	10.963	105	65949	19.006	ug/l	98
74) N-amyl acetate	10.841	43	27577	18.374	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	23615	21.040	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	20611m	20.672	ug/l	
77) Bromobenzene	11.201	156	18163	20.354	ug/l	94
78) n-propylbenzene	11.305	91	70232	18.031	ug/l	96
79) 2-Chlorotoluene	11.366	91	45789	19.310	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	54969	18.846	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	5626	14.215	ug/l	98
82) 4-Chlorotoluene	11.457	91	52007	19.213	ug/l	96
83) tert-Butylbenzene	11.713	119	54397	18.351	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	56272	19.520	ug/l	98
85) sec-Butylbenzene	11.890	105	63896	17.731	ug/l	98
86) p-Isopropyltoluene	12.012	119	53249	17.198	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	31596	19.020	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	31522	18.727	ug/l	98
89) n-Butylbenzene	12.335	91	41095	15.747	ug/l	98
90) Hexachloroethane	12.542	117	7951	13.935	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	32180	19.878	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4390	18.725	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	16856	17.690	ug/l	97
94) Hexachlorobutadiene	13.725	225	6808	14.880	ug/l	99
95) Naphthalene	13.780	128	60650	18.223	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	17646	18.931	ug/l	99

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

