

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120421\
 Data File : VX025515.D
 Acq On : 04 Dec 2021 12:32
 Operator : JC/MD
 Sample : VX1204WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Manual Integrations
 APPROVED

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

Quant Time: Dec 06 01:00:54 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	81293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	124812	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46829	54.650	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.300%			
35) Dibromofluoromethane	5.385	113	41235	53.845	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.700%			
50) Toluene-d8	8.653	98	148676	51.636	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.280%			
62) 4-Bromofluorobenzene	11.079	95	55103	50.587	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	14749	20.930	ug/l	97
3) Chloromethane	1.294	50	15437	17.692	ug/l	100
4) Vinyl Chloride	1.373	62	16828	17.566	ug/l	98
5) Bromomethane	1.599	94	10592	25.718	ug/l	97
6) Chloroethane	1.684	64	11423	17.282	ug/l	98
7) Trichlorofluoromethane	1.886	101	27249	19.164	ug/l	98
8) Diethyl Ether	2.135	74	10771	18.356	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	15815	20.905	ug/l	100
10) Methyl Iodide	2.453	142	14815	15.662	ug/l	95
11) Tert butyl alcohol	2.965	59	18970	83.544	ug/l	97
12) 1,1-Dichloroethene	2.318	96	14741	19.565	ug/l	90
13) Acrolein	2.239	56	3488	88.853	ug/l	98
14) Allyl chloride	2.666	41	24326	17.839	ug/l	97
15) Acrylonitrile	3.062	53	44859	97.557	ug/l	98
16) Acetone	2.379	43	47256	99.249	ug/l	99
17) Carbon Disulfide	2.513	76	31317	14.775	ug/l	97
18) Methyl Acetate	2.702	43	28118	18.483	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	52114	19.851	ug/l	98
20) Methylene Chloride	2.788	84	17458	19.505	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	15912	19.278	ug/l	89
22) Diisopropyl ether	3.763	45	51249	19.735	ug/l	99
23) Vinyl Acetate	3.721	43	197955	94.899	ug/l	96
24) 1,1-Dichloroethane	3.611	63	29050	20.473	ug/l	99
25) 2-Butanone	4.556	43	64871	94.236	ug/l	96
26) 2,2-Dichloropropane	4.477	77	24124	18.753	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	19368	20.093	ug/l	91
28) Bromochloromethane	4.897	49	13093	19.788	ug/l	95
29) Tetrahydrofuran	5.001	42	39308	92.221	ug/l	96
30) Chloroform	5.092	83	30380	20.573	ug/l	99
31) Cyclohexane	5.470	56	25085	18.944	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	27153	20.084	ug/l	98
36) 1,1-Dichloropropene	5.696	75	21702	19.929	ug/l	97
37) Ethyl Acetate	4.714	43	23352	18.848	ug/l	98
38) Carbon Tetrachloride	5.678	117	23862	19.895	ug/l	96
39) Methylcyclohexane	7.378	83	26856	19.227	ug/l	96
40) Benzene	6.043	78	65118	19.740	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	12826	18.652	ug/l	96
42) 1,2-Dichloroethane	6.092	62	23062	21.486	ug/l	94
43) Isopropyl Acetate	6.342	43	38760	18.798	ug/l	98
44) Trichloroethene	7.128	130	19228	20.065	ug/l	94
45) 1,2-Dichloropropane	7.433	63	16672	20.578	ug/l	97
46) Dibromomethane	7.586	93	11970	20.352	ug/l	93
47) Bromodichloromethane	7.823	83	22399	19.379	ug/l	99
48) Methyl methacrylate	7.695	41	17805	18.400	ug/l	95
49) 1,4-Dioxane	7.659	88	7830	383.168	ug/l	93
51) 4-Methyl-2-Pentanone	8.573	43	123706	95.681	ug/l	98
52) Toluene	8.720	92	43141	20.032	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	22832	17.764	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	25819	18.531	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	18188	21.249	ug/l	97
56) Ethyl methacrylate	9.116	69	26012	18.727	ug/l	96
57) 1,3-Dichloropropane	9.311	76	28996	20.438	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	64081	99.158	ug/l	95
59) 2-Hexanone	9.433	43	95218	93.417	ug/l	96
60) Dibromochloromethane	9.524	129	18388	18.665	ug/l	97
61) 1,2-Dibromoethane	9.610	107	18390	19.837	ug/l	100
64) Tetrachloroethene	9.274	164	19254	20.529	ug/l	96
65) Chlorobenzene	10.079	112	48389	20.877	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	17692	19.905	ug/l	99
67) Ethyl Benzene	10.195	91	82085	20.494	ug/l	97
68) m/p-Xylenes	10.305	106	66050	40.373	ug/l	94
69) o-Xylene	10.646	106	32842	20.510	ug/l	90
70) Styrene	10.658	104	52910	20.002	ug/l	97
71) Bromoform	10.799	173	12774	16.553	ug/l #	99
73) Isopropylbenzene	10.963	105	84691	20.646	ug/l	98
74) N-amyl acetate	10.841	43	32468	18.299	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	26868	20.249	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	20685m	17.549	ug/l	
77) Bromobenzene	11.201	156	21688	20.558	ug/l	94
78) n-propylbenzene	11.305	91	95327	20.703	ug/l	98
79) 2-Chlorotoluene	11.366	91	57832	20.630	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	71035	20.601	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	6572	14.046	ug/l	96
82) 4-Chlorotoluene	11.457	91	65779	20.556	ug/l	96
83) tert-Butylbenzene	11.719	119	71538	20.415	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	71066	20.853	ug/l	97
85) sec-Butylbenzene	11.890	105	89758	21.069	ug/l	97
86) p-Isopropyltoluene	12.012	119	75429	20.607	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	40038	20.388	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	40044	20.124	ug/l	99
89) n-Butylbenzene	12.335	91	60914	19.744	ug/l	96
90) Hexachloroethane	12.542	117	11418	16.927	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	39994	20.898	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5099	18.398	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	23304	20.688	ug/l	99
94) Hexachlorobutadiene	13.725	225	10863	20.084	ug/l	97
95) Naphthalene	13.780	128	73739	18.752	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	23151	21.009	ug/l	98

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

