

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042522\
 Data File : VX028320.D
 Acq On : 25 Apr 2022 12:41
 Operator : JC/MD
 Sample : VX0425WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/26/2022
 Supervised By : Mahesh Dadoda 04/26/2022

Quant Time: Apr 26 08:09:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	346272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	536988	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	507402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	270565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	211176	46.772	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.540%		
35) Dibromofluoromethane	5.385	113	188761	50.124	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.240%		
50) Toluene-d8	8.653	98	694572	48.021	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.040%		
62) 4-Bromofluorobenzene	11.079	95	258464	46.735	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	61889	27.688	ug/l	98
3) Chloromethane	1.294	50	54126	22.702	ug/l	100
4) Vinyl Chloride	1.374	62	67273	19.271	ug/l	99
5) Bromomethane	1.599	94	56590	11.970	ug/l	96
6) Chloroethane	1.684	64	47311	16.784	ug/l	99
7) Trichlorofluoromethane	1.886	101	125504	16.304	ug/l	99
8) Diethyl Ether	2.136	74	46069	17.919	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	65436	23.336	ug/l	97
10) Methyl Iodide	2.453	142	72568	22.177	ug/l	99
11) Tert butyl alcohol	2.959	59	84894	91.900	ug/l	98
12) 1,1-Dichloroethene	2.318	96	59384	22.315	ug/l	95
13) Acrolein	2.233	56	60859	109.986	ug/l	98
14) Allyl chloride	2.666	41	82719	18.524	ug/l	94
15) Acrylonitrile	3.062	53	179258	97.426	ug/l	99
16) Acetone	2.379	43	153529	110.553	ug/l	95
17) Carbon Disulfide	2.514	76	129718	18.101	ug/l	99
18) Methyl Acetate	2.703	43	78964	19.670	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	217186	19.571	ug/l	99
20) Methylene Chloride	2.788	84	69721	20.812	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	66261	18.309	ug/l	91
22) Diisopropyl ether	3.757	45	185325	18.222	ug/l #	74
23) Vinyl Acetate	3.721	43	817028	91.951	ug/l	100
24) 1,1-Dichloroethane	3.611	63	114386	19.048	ug/l	99
25) 2-Butanone	4.550	43	243864	91.200	ug/l	100
26) 2,2-Dichloropropane	4.477	77	99295	16.935	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	79937	18.524	ug/l	93
28) Bromochloromethane	4.897	49	46962	18.227	ug/l	86
29) Tetrahydrofuran	5.007	42	152103	87.240	ug/l	98
30) Chloroform	5.098	83	131214	18.194	ug/l	100
31) Cyclohexane	5.464	56	94601	17.198	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	116079	17.775	ug/l	98
36) 1,1-Dichloropropene	5.696	75	90208	18.364	ug/l	97
37) Ethyl Acetate	4.714	43	93578	18.774	ug/l	99
38) Carbon Tetrachloride	5.678	117	101202	18.250	ug/l	98
39) Methylcyclohexane	7.385	83	111501	17.990	ug/l	93
40) Benzene	6.043	78	269560	18.747	ug/l	99

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41) Methacrylonitrile	4.916	41	48189	18.739	ug/l	97
42) 1,2-Dichloroethane	6.086	62	99903	18.717	ug/l	99
43) Isopropyl Acetate	6.342	43	147080	18.131	ug/l	98
44) Trichloroethene	7.129	130	83105	19.930	ug/l	97
45) 1,2-Dichloropropane	7.433	63	66368	18.857	ug/l	98
46) Dibromomethane	7.580	93	52683	19.081	ug/l	99
47) Bromodichloromethane	7.824	83	96816	18.245	ug/l	99
48) Methyl methacrylate	7.696	41	66904	17.964	ug/l #	94
49) 1,4-Dioxane	7.659	88	39346	394.908	ug/l	93
51) 4-Methyl-2-Pentanone	8.573	43	488525	93.846	ug/l	97
52) Toluene	8.720	92	184971	18.516	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	101404	17.981	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	110060	18.174	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	79044	19.474	ug/l	98
56) Ethyl methacrylate	9.116	69	111550	18.959	ug/l #	92
57) 1,3-Dichloropropane	9.311	76	126134	19.254	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	274485	99.431	ug/l	92
59) 2-Hexanone	9.433	43	374887	92.970	ug/l	95
60) Dibromochloromethane	9.525	129	82064	18.546	ug/l	94
61) 1,2-Dibromoethane	9.610	107	85226	19.140	ug/l	98
64) Tetrachloroethene	9.275	164	80633	20.345	ug/l	97
65) Chlorobenzene	10.079	112	210156	19.426	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	77434	19.215	ug/l	99
67) Ethyl Benzene	10.195	91	357535	19.709	ug/l	97
68) m/p-Xylenes	10.305	106	287626	38.958	ug/l	96
69) o-Xylene	10.640	106	142657	19.380	ug/l	95
70) Styrene	10.658	104	234934	19.701	ug/l	98
71) Bromoform	10.799	173	59187	18.353	ug/l #	99
73) Isopropylbenzene	10.963	105	370201	19.907	ug/l	100
74) N-amyl acetate	10.841	43	124933	19.436	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	120356	19.944	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	107860m	20.256	ug/l	
77) Bromobenzene	11.201	156	97662	20.164	ug/l	89
78) n-propylbenzene	11.305	91	415850	20.166	ug/l	96
79) 2-Chlorotoluene	11.366	91	251793	19.640	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	314139	19.900	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	31162	17.391	ug/l	87
82) 4-Chlorotoluene	11.457	91	287984	19.500	ug/l	95
83) tert-Butylbenzene	11.713	119	319995	19.851	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	316822	20.190	ug/l	98
85) sec-Butylbenzene	11.890	105	393000	20.208	ug/l	98
86) p-Isopropyltoluene	12.012	119	335124	19.975	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	182769	20.083	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	185959	19.461	ug/l	99
89) n-Butylbenzene	12.335	91	271058	19.676	ug/l	97
90) Hexachloroethane	12.542	117	52324	18.518	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	186111	20.586	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25214	18.787	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	114920	21.372	ug/l	99
94) Hexachlorobutadiene	13.725	225	48102	20.048	ug/l	95
95) Naphthalene	13.774	128	390433	21.797	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	113208	21.449	ug/l	95

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

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