

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013122\
 Data File : VX026673.D
 Acq On : 31 Jan 2022 12:27
 Operator : JC/MD
 Sample : VX0131WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/01/2022
 Supervised By : Mahesh Dadoda 02/04/2022

Quant Time: Jan 31 13:57:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	94372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	150937	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58973	44.734	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.460%		
35) Dibromofluoromethane	5.385	113	47483	48.715	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.440%		
50) Toluene-d8	8.647	98	177704	50.593	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.180%		
62) 4-Bromofluorobenzene	11.079	95	68310	54.747	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	17144	15.384	ug/l	100
3) Chloromethane	1.294	50	17038	16.678	ug/l	100
4) Vinyl Chloride	1.380	62	17860	16.652	ug/l	96
5) Bromomethane	1.618	94	10126	20.466	ug/l	98
6) Chloroethane	1.697	64	9266	17.084	ug/l	97
7) Trichlorofluoromethane	1.892	101	28105	16.597	ug/l	97
8) Diethyl Ether	2.136	74	10570	17.640	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	18725	18.145	ug/l	97
10) Methyl Iodide	2.459	142	21668	22.216	ug/l	97
11) Tert butyl alcohol	3.001	59	16592	90.473	ug/l	97
12) 1,1-Dichloroethene	2.325	96	17258	17.510	ug/l	89
13) Acrolein	2.239	56	16427	84.296	ug/l	98
14) Allyl chloride	2.666	41	31840	17.567	ug/l	95
15) Acrylonitrile	3.068	53	56135	99.437	ug/l	99
16) Acetone	2.392	43	62600	93.115	ug/l	95
17) Carbon Disulfide	2.520	76	43243	15.028	ug/l	98
18) Methyl Acetate	2.709	43	26117	19.541	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	64198	17.951	ug/l	100
20) Methylene Chloride	2.794	84	20377	18.345	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	18897	17.711	ug/l	93
22) Diisopropyl ether	3.764	45	68323	18.558	ug/l	95
23) Vinyl Acetate	3.721	43	275346	90.855	ug/l	98
24) 1,1-Dichloroethane	3.611	63	35971	18.091	ug/l	99
25) 2-Butanone	4.562	43	82823	94.732	ug/l	99
26) 2,2-Dichloropropane	4.483	77	26306	17.849	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	22732	18.668	ug/l	96
28) Bromochloromethane	4.897	49	15817	19.373	ug/l	100
29) Tetrahydrofuran	5.007	42	49344	95.029	ug/l	99
30) Chloroform	5.099	83	38158	18.470	ug/l	99
31) Cyclohexane	5.477	56	32000	16.457	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	32531	17.902	ug/l	99
36) 1,1-Dichloropropene	5.696	75	27160	17.651	ug/l	98
37) Ethyl Acetate	4.715	43	30184	19.392	ug/l	100
38) Carbon Tetrachloride	5.684	117	28887	18.251	ug/l	99
39) Methylcyclohexane	7.385	83	32937	17.746	ug/l	97
40) Benzene	6.044	78	80095	18.833	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	16857	19.118	ug/l	97
42) 1,2-Dichloroethane	6.092	62	29923	17.983	ug/l	98
43) Isopropyl Acetate	6.342	43	47765	18.997	ug/l	98
44) Trichloroethene	7.129	130	23295	19.303	ug/l	93
45) 1,2-Dichloropropane	7.427	63	20972	19.755	ug/l	100
46) Dibromomethane	7.580	93	14667	19.599	ug/l	98
47) Bromodichloromethane	7.824	83	29489	19.502	ug/l	98
48) Methyl methacrylate	7.690	41	23854	19.144	ug/l	98
49) 1,4-Dioxane	7.702	88	6734	329.315	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	153881	103.184	ug/l	98
52) Toluene	8.720	92	51814	19.867	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	28956	19.120	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	31553	19.428	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	21709	21.330	ug/l	98
56) Ethyl methacrylate	9.116	69	32608	20.906	ug/l	97
57) 1,3-Dichloropropane	9.311	76	36307	20.576	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	84596	103.435	ug/l	99
59) 2-Hexanone	9.433	43	117135	102.622	ug/l	98
60) Dibromochloromethane	9.525	129	22241	20.970	ug/l	98
61) 1,2-Dibromoethane	9.610	107	21775	20.532	ug/l	100
64) Tetrachloroethene	9.275	164	24909	18.978	ug/l	97
65) Chlorobenzene	10.079	112	58098	19.856	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	21233	19.531	ug/l	100
67) Ethyl Benzene	10.195	91	101284	19.049	ug/l	99
68) m/p-Xylenes	10.299	106	78838	39.621	ug/l	98
69) o-Xylene	10.640	106	38637	20.123	ug/l	97
70) Styrene	10.659	104	64193	20.489	ug/l	98
71) Bromoform	10.799	173	15297	19.805	ug/l #	98
73) Isopropylbenzene	10.963	105	100759	19.052	ug/l	99
74) N-amyl acetate	10.842	43	38721	18.965	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	27968	19.702	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	25177m	17.723	ug/l	
77) Bromobenzene	11.201	156	24408	20.145	ug/l	96
78) n-propylbenzene	11.305	91	116007	19.235	ug/l	100
79) 2-Chlorotoluene	11.366	91	70079	19.162	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	84619	19.407	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7917	20.804	ug/l	97
82) 4-Chlorotoluene	11.457	91	79834	18.993	ug/l	98
83) tert-Butylbenzene	11.713	119	79204	19.459	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	85317	19.564	ug/l	98
85) sec-Butylbenzene	11.890	105	104046	19.762	ug/l	99
86) p-Isopropyltoluene	12.012	119	88384	20.010	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	44033	19.389	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	43962	19.125	ug/l	97
89) n-Butylbenzene	12.335	91	74227	19.582	ug/l	99
90) Hexachloroethane	12.542	117	13133	19.218	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	42419	19.765	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6187	18.033	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	26171	19.020	ug/l	99
94) Hexachlorobutadiene	13.725	225	11505	19.808	ug/l	100
95) Naphthalene	13.774	128	86825	18.918	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	26000	19.214	ug/l	98

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

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