

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012323\
 Data File : VX033840.D
 Acq On : 23 Jan 2023 11:41
 Operator : JC/MD
 Sample : VX0123WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0123WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2023
 Supervised By : Mahesh Dadoda 01/27/2023

Quant Time: Jan 24 05:37:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	161093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	226326	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77874	45.912	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 91.820%			
35) Dibromofluoromethane	5.385	113	72461	51.560	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.120%			
50) Toluene-d8	8.647	98	257456	50.280	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.560%			
62) 4-Bromofluorobenzene	11.079	95	95164	50.056	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22412	17.605	ug/l	98
3) Chloromethane	1.294	50	26261	18.673	ug/l	98
4) Vinyl Chloride	1.374	62	26014	19.063	ug/l	100
5) Bromomethane	1.618	94	16679	21.272	ug/l	95
6) Chloroethane	1.691	64	13754	16.302	ug/l	95
7) Trichlorofluoromethane	1.892	101	40997	18.525	ug/l	97
8) Diethyl Ether	2.130	74	16617	22.932	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	25547	20.462	ug/l	95
10) Methyl Iodide	2.453	142	33760	18.867	ug/l	92
11) Tert butyl alcohol	2.995	59	22735m	77.158	ug/l	
12) 1,1-Dichloroethene	2.319	96	24461	18.661	ug/l	88
13) Acrolein	2.239	56	39940	146.910	ug/l	99
14) Allyl chloride	2.666	41	44435	17.973	ug/l	88
15) Acrylonitrile	3.062	53	73127	94.300	ug/l	100
16) Acetone	2.392	43	67392	101.995	ug/l	90
17) Carbon Disulfide	2.514	76	62027	19.839	ug/l	99
18) Methyl Acetate	2.703	43	44064	18.615	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	87202	19.155	ug/l	97
20) Methylene Chloride	2.788	84	28116	17.432	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	26203	17.100	ug/l	98
22) Diisopropyl ether	3.757	45	89489	17.991	ug/l	99
23) Vinyl Acetate	3.721	43	339695	90.717	ug/l	100
24) 1,1-Dichloroethane	3.611	63	47018	17.277	ug/l	97
25) 2-Butanone	4.562	43	98792	89.143	ug/l	96
26) 2,2-Dichloropropane	4.477	77	34742	17.822	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	31577	17.924	ug/l	96
28) Bromochloromethane	4.897	49	25708	20.738	ug/l	93
29) Tetrahydrofuran	5.007	42	61157	87.556	ug/l	96
30) Chloroform	5.093	83	49599	17.794	ug/l	96
31) Cyclohexane	5.471	56	42067	16.854	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	42846	18.004	ug/l	98
36) 1,1-Dichloropropene	5.690	75	35594	17.354	ug/l	99
37) Ethyl Acetate	4.708	43	39017	18.114	ug/l	100
38) Carbon Tetrachloride	5.678	117	39289	18.495	ug/l	97
39) Methylcyclohexane	7.379	83	45153	17.826	ug/l	97
40) Benzene	6.037	78	108442	18.139	ug/l	100

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41) Methacrylonitrile	4.916	41	21936	19.408	ug/l	96
42) 1,2-Dichloroethane	6.086	62	37884	17.881	ug/l	98
43) Isopropyl Acetate	6.336	43	60335	18.633	ug/l	98
44) Trichloroethene	7.123	130	31514	18.851	ug/l	99
45) 1,2-Dichloropropane	7.427	63	27678	18.481	ug/l	96
46) Dibromomethane	7.580	93	19837	18.963	ug/l	97
47) Bromodichloromethane	7.818	83	40014	19.849	ug/l	95
48) Methyl methacrylate	7.690	41	30514	18.708	ug/l	97
49) 1,4-Dioxane	7.708	88	11384	315.525	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	191894	96.497	ug/l	99
52) Toluene	8.720	92	70228	18.190	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	41360	20.515	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	45681	20.222	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	29443	19.266	ug/l	97
56) Ethyl methacrylate	9.116	69	42604	19.809	ug/l	95
57) 1,3-Dichloropropane	9.305	76	48856	19.716	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	102075	96.370	ug/l	98
59) 2-Hexanone	9.427	43	140059	101.191	ug/l	99
60) Dibromochloromethane	9.519	129	35831	22.615	ug/l	99
61) 1,2-Dibromoethane	9.610	107	31852	20.884	ug/l	99
64) Tetrachloroethene	9.275	164	29362	19.534	ug/l	99
65) Chlorobenzene	10.079	112	79182	18.766	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	31579	20.336	ug/l	99
67) Ethyl Benzene	10.195	91	133196	18.386	ug/l	99
68) m/p-Xylenes	10.299	106	107914	38.083	ug/l	98
69) o-Xylene	10.640	106	52842	18.804	ug/l	100
70) Styrene	10.652	104	87074	19.052	ug/l	99
71) Bromoform	10.799	173	29101	22.364	ug/l #	99
73) Isopropylbenzene	10.963	105	137454	17.984	ug/l	99
74) N-amyl acetate	10.841	43	48798	17.430	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	43836	19.304	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	35430m	18.087	ug/l	
77) Bromobenzene	11.195	156	37935	18.608	ug/l	98
78) n-propylbenzene	11.305	91	151991	17.471	ug/l	99
79) 2-Chlorotoluene	11.366	91	91953	17.636	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	114703	17.879	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	13528	21.463	ug/l	92
82) 4-Chlorotoluene	11.457	91	104457	17.484	ug/l	98
83) tert-Butylbenzene	11.713	119	119069	18.693	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	115559	19.042	ug/l	100
85) sec-Butylbenzene	11.890	105	143724	18.864	ug/l	100
86) p-Isopropyltoluene	12.006	119	124064	19.020	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	67974	18.869	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	69230	18.865	ug/l	99
89) n-Butylbenzene	12.335	91	99904	18.721	ug/l	99
90) Hexachloroethane	12.536	117	22950	21.389	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	67487	19.414	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8706	20.011	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	45544	19.450	ug/l	99
94) Hexachlorobutadiene	13.725	225	22065	19.237	ug/l	99
95) Naphthalene	13.774	128	133162	19.767	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	46366	19.789	ug/l	99

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

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