

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020624\
 Data File : VX040142.D
 Acq On : 06 Feb 2024 16:24
 Operator : JC/MD
 Sample : VX0206WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/07/2024
 Supervised By : Mahesh Dadoda 02/07/2024

Quant Time: Feb 07 00:37:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	80130m	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	112953	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62285	48.298	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.600%		
35) Dibromofluoromethane	5.385	113	43584	56.683	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	113.360%		
50) Toluene-d8	8.647	98	157420	54.745	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	109.500%		
62) 4-Bromofluorobenzene	11.079	95	64320	58.091	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	116.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	23937	26.522	ug/l	97
3) Chloromethane	1.294	50	19508	22.791	ug/l	99
4) Vinyl Chloride	1.374	62	14530	18.355	ug/l	95
5) Bromomethane	1.605	94	11636	15.121	ug/l	97
6) Chloroethane	1.685	64	9775	18.705	ug/l	97
7) Trichlorofluoromethane	1.886	101	21358	16.958	ug/l	99
8) Diethyl Ether	2.136	74	8679	19.491	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	22779	24.240	ug/l	98
10) Methyl Iodide	2.453	142	23662	23.654	ug/l	94
11) Tert butyl alcohol	2.959	59	28528	121.917	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	21192	23.514	ug/l	86
13) Acrolein	2.233	56	23742	105.902	ug/l	100
14) Allyl chloride	2.660	41	38620	23.773	ug/l	98
15) Acrylonitrile	3.062	53	74788	127.591	ug/l	99
16) Acetone	2.380	43	69422	114.892	ug/l	93
17) Carbon Disulfide	2.514	76	54140	20.546	ug/l	99
18) Methyl Acetate	2.703	43	45087	31.498	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	75513	24.459	ug/l	99
20) Methylene Chloride	2.788	84	25681	23.916	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	23713	23.891	ug/l	88
22) Diisopropyl ether	3.757	45	76736	24.385	ug/l	95
23) Vinyl Acetate	3.721	43	330599	117.390	ug/l	96
24) 1,1-Dichloroethane	3.611	63	42915	23.812	ug/l	98
25) 2-Butanone	4.556	43	104128	123.970	ug/l	95
26) 2,2-Dichloropropane	4.477	77	30225	21.493	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	26988	24.369	ug/l	94
28) Bromochloromethane	4.897	49	18603	22.136	ug/l	88
29) Tetrahydrofuran	5.001	42	66646	124.790	ug/l	97
30) Chloroform	5.092	83	44826	23.163	ug/l	95
31) Cyclohexane	5.470	56	33148	20.520	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	27957	16.833	ug/l	97
36) 1,1-Dichloropropene	5.696	75	30247	27.200	ug/l	98
37) Ethyl Acetate	4.714	43	39499	32.524	ug/l	99
38) Carbon Tetrachloride	5.672	117	26306	24.723	ug/l #	92
39) Methylcyclohexane	7.379	83	26140	19.320	ug/l	97
40) Benzene	6.037	78	92017	28.410	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19951	32.393	ug/l	89
42) 1,2-Dichloroethane	6.092	62	34294	27.506	ug/l	96
43) Isopropyl Acetate	6.336	43	49744	25.974	ug/l	97
44) Trichloroethene	7.123	130	16248	19.063	ug/l	96
45) 1,2-Dichloropropane	7.427	63	18536	21.675	ug/l	100
46) Dibromomethane	7.580	93	13302	20.724	ug/l	92
47) Bromodichloromethane	7.824	83	24549	21.474	ug/l	96
48) Methyl methacrylate	7.690	41	24158	25.606	ug/l	96
49) 1,4-Dioxane	7.659	88	9166	447.095	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	172781	132.160	ug/l	96
52) Toluene	8.720	92	42318	20.962	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	24162	20.378	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	27887	22.042	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	18091	21.650	ug/l	94
56) Ethyl methacrylate	9.116	69	27840	22.815	ug/l #	88
57) 1,3-Dichloropropane	9.305	76	30466	22.135	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	72793	118.632	ug/l	92
59) 2-Hexanone	9.427	43	132202	126.827	ug/l	98
60) Dibromochloromethane	9.518	129	17081	20.343	ug/l	97
61) 1,2-Dibromoethane	9.610	107	19058	21.096	ug/l	98
64) Tetrachloroethene	9.275	164	13566	19.252	ug/l	98
65) Chlorobenzene	10.079	112	46200	20.639	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	14774	19.544	ug/l	93
67) Ethyl Benzene	10.195	91	84416	21.018	ug/l	98
68) m/p-Xylenes	10.299	106	63512	42.035	ug/l	97
69) o-Xylene	10.640	106	33229	23.185	ug/l	96
70) Styrene	10.659	104	55748	23.079	ug/l	98
71) Bromoform	10.799	173	11851	20.299	ug/l #	100
73) Isopropylbenzene	10.963	105	84764	22.952	ug/l	100
74) N-amyl acetate	10.841	43	42611	24.990	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	32592	23.473	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	26905m	24.566	ug/l	
77) Bromobenzene	11.195	156	18883	22.165	ug/l	93
78) n-propylbenzene	11.305	91	104299	22.950	ug/l	97
79) 2-Chlorotoluene	11.366	91	60626	22.159	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	71621	22.560	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	7032	22.077	ug/l	91
82) 4-Chlorotoluene	11.451	91	73489	23.402	ug/l	99
83) tert-Butylbenzene	11.713	119	63624	20.943	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	71312	22.511	ug/l	95
85) sec-Butylbenzene	11.890	105	84464	20.986	ug/l	100
86) p-Isopropyltoluene	12.012	119	65023	19.784	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	37784	21.985	ug/l	96
88) 1,4-Dichlorobenzene	12.036	146	38133	21.676	ug/l	99
89) n-Butylbenzene	12.335	91	69136	21.673	ug/l	95
90) Hexachloroethane	12.536	117	10975	21.487	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	38558	23.269	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7510	23.861	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	21408	20.667	ug/l	96
94) Hexachlorobutadiene	13.725	225	7376	18.077	ug/l	98
95) Naphthalene	13.774	128	82143	23.348	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	21369	20.865	ug/l	98

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

