

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090623\
 Data File : VX037546.D
 Acq On : 06 Sep 2023 11:33
 Operator : JC/MD
 Sample : VX0906WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/07/2023
 Supervised By : Mahesh Dadoda 09/07/2023

Quant Time: Sep 06 22:44:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	120272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	212618	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88431	51.000	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.000%			
35) Dibromofluoromethane	5.385	113	79584	56.518	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.040%			
50) Toluene-d8	8.647	98	269126	52.689	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.380%			
62) 4-Bromofluorobenzene	11.079	95	111211	55.404	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.800%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	21915	15.686	ug/l	100
3) Chloromethane	1.306	50	24397	19.961	ug/l	97
4) Vinyl Chloride	1.374	62	23929	17.986	ug/l	98
5) Bromomethane	1.599	94	12448	18.784	ug/l	99
6) Chloroethane	1.678	64	16710	21.344	ug/l	97
7) Trichlorofluoromethane	1.880	101	35023	16.070	ug/l	100
8) Diethyl Ether	2.136	74	16570	19.652	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.325	101	21200	16.675	ug/l	94
10) Methyl Iodide	2.453	142	30501	19.739	ug/l	91
11) Tert butyl alcohol	2.965	59	37552	92.324	ug/l #	93
12) 1,1-Dichloroethene	2.312	96	21798	17.606	ug/l	85
13) Acrolein	2.239	56	47563	153.714	ug/l	97
14) Allyl chloride	2.660	41	34797	18.158	ug/l #	88
15) Acrylonitrile	3.062	53	80498	110.882	ug/l	98
16) Acetone	2.379	43	69124	101.903	ug/l #	82
17) Carbon Disulfide	2.507	76	43641	13.858	ug/l	99
18) Methyl Acetate	2.703	43	53139	20.806	ug/l #	87
19) Methyl tert-butyl Ether	3.117	73	91969	19.586	ug/l	96
20) Methylene Chloride	2.788	84	29841	19.672	ug/l #	83
21) trans-1,2-Dichloroethene	3.093	96	24301	17.266	ug/l	86
22) Diisopropyl ether	3.763	45	77562	19.724	ug/l #	88
23) Vinyl Acetate	3.721	43	286777	95.166	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	48007	19.468	ug/l	99
25) 2-Butanone	4.562	43	104828	102.635	ug/l #	86
26) 2,2-Dichloropropane	4.477	77	36927	16.768	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	31930	19.244	ug/l	86
28) Bromochloromethane	4.897	49	24924	22.625	ug/l #	72
29) Tetrahydrofuran	5.007	42	65419	100.435	ug/l #	82
30) Chloroform	5.092	83	52543	18.981	ug/l	98
31) Cyclohexane	5.470	56	31074	15.938	ug/l	84
32) 1,1,1-Trichloroethane	5.385	97	44141	17.794	ug/l	96
36) 1,1-Dichloropropene	5.690	75	31564	15.778	ug/l	96
37) Ethyl Acetate	4.721	43	39382	19.271	ug/l #	92
38) Carbon Tetrachloride	5.678	117	35775	16.462	ug/l	98
39) Methylcyclohexane	7.379	83	34918	16.613	ug/l	88
40) Benzene	6.037	78	108835	18.969	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	20826	19.604	ug/l #	83
42) 1,2-Dichloroethane	6.086	62	40295	17.909	ug/l	94
43) Isopropyl Acetate	6.342	43	60555	18.664	ug/l #	90
44) Trichloroethene	7.129	130	28579	17.566	ug/l	93
45) 1,2-Dichloropropane	7.433	63	28027	19.811	ug/l	94
46) Dibromomethane	7.586	93	20872	18.728	ug/l	92
47) Bromodichloromethane	7.824	83	39159	18.344	ug/l	97
48) Methyl methacrylate	7.696	41	29312	18.526	ug/l #	81
49) 1,4-Dioxane	7.665	88	17285	405.632	ug/l #	85
51) 4-Methyl-2-Pentanone	8.573	43	201092	102.072	ug/l	88
52) Toluene	8.720	92	71790	18.937	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	39008	17.162	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	44476	18.108	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	32091	20.789	ug/l	97
56) Ethyl methacrylate	9.116	69	47429	19.616	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	52120	20.029	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	122926	105.939	ug/l	92
59) 2-Hexanone	9.433	43	156320	104.064	ug/l	86
60) Dibromochloromethane	9.518	129	31218	18.995	ug/l	100
61) 1,2-Dibromoethane	9.610	107	33218	19.654	ug/l	100
64) Tetrachloroethene	9.275	164	22218	15.281	ug/l	96
65) Chlorobenzene	10.079	112	77810	18.472	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	30003	19.298	ug/l	99
67) Ethyl Benzene	10.195	91	133126	17.960	ug/l	99
68) m/p-Xylenes	10.305	106	104760	36.599	ug/l	98
69) o-Xylene	10.640	106	53158	18.823	ug/l	97
70) Styrene	10.658	104	87715	18.856	ug/l	97
71) Bromoform	10.799	173	21773	18.723	ug/l #	98
73) Isopropylbenzene	10.963	105	135856	18.516	ug/l	98
74) N-amyl acetate	10.841	43	51351	18.012	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	53092	21.486	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	42122m	19.593	ug/l	
77) Bromobenzene	11.201	156	33836	18.882	ug/l	91
78) n-propylbenzene	11.305	91	146519	17.934	ug/l	98
79) 2-Chlorotoluene	11.366	91	97826	18.737	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	116806	19.084	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12688	16.484	ug/l	91
82) 4-Chlorotoluene	11.457	91	109003	18.086	ug/l	99
83) tert-Butylbenzene	11.713	119	120071	20.570	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	117166	18.941	ug/l	97
85) sec-Butylbenzene	11.890	105	137211	20.125	ug/l	99
86) p-Isopropyltoluene	12.012	119	115746	19.721	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	61928	18.459	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	63339	18.274	ug/l	99
89) n-Butylbenzene	12.335	91	89717	18.437	ug/l	98
90) Hexachloroethane	12.536	117	20058	20.475	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	65128	19.825	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11305	19.690	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	36780	19.134	ug/l	98
94) Hexachlorobutadiene	13.725	225	15159	20.414	ug/l	95
95) Naphthalene	13.774	128	140447	16.680	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	38493	20.156	ug/l	99

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

