

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090823\
 Data File : VX037607.D
 Acq On : 08 Sep 2023 17:24
 Operator : JC/MD
 Sample : VX0908WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908WBS01

Quant Time: Sep 09 04:56:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 03:56:07 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/09/2023
 Supervised By : Mahesh Dadoda 09/11/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	122655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221412	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90991	54.957	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.920%			
35) Dibromofluoromethane	5.385	113	79787	51.521	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.040%			
50) Toluene-d8	8.647	98	287550	50.625	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.260%			
62) 4-Bromofluorobenzene	11.079	95	110704	51.714	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.420%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	20977	16.851	ug/l	100
3) Chloromethane	1.307	50	26142	18.760	ug/l	95
4) Vinyl Chloride	1.374	62	24414	17.007	ug/l	95
5) Bromomethane	1.593	94	11958	18.799	ug/l	97
6) Chloroethane	1.666	64	13260	17.242	ug/l	92
7) Trichlorofluoromethane	1.874	101	31798	16.298	ug/l	98
8) Diethyl Ether	2.136	74	17638	20.340	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.319	101	22053	16.900	ug/l	95
10) Methyl Iodide	2.447	142	31080	18.364	ug/l	91
11) Tert butyl alcohol	2.983	59	39517	106.661	ug/l #	95
12) 1,1-Dichloroethene	2.307	96	23093	17.533	ug/l #	77
13) Acrolein	2.239	56	37387	102.641	ug/l	99
14) Allyl chloride	2.660	41	36035	19.510	ug/l #	86
15) Acrylonitrile	3.069	53	85044	105.286	ug/l	99
16) Acetone	2.386	43	71909	105.612	ug/l #	82
17) Carbon Disulfide	2.502	76	50115	15.192	ug/l	98
18) Methyl Acetate	2.703	43	59604	21.577	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	96605	20.687	ug/l	99
20) Methylene Chloride	2.782	84	32758	20.258	ug/l #	81
21) trans-1,2-Dichloroethene	3.087	96	26231	17.828	ug/l	85
22) Diisopropyl ether	3.764	45	80600	20.608	ug/l #	82
23) Vinyl Acetate	3.721	43	295821	105.950	ug/l #	89
24) 1,1-Dichloroethane	3.605	63	48761	19.131	ug/l	97
25) 2-Butanone	4.562	43	109117	105.669	ug/l #	85
26) 2,2-Dichloropropane	4.471	77	35369	18.824	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	33797	19.275	ug/l	85
28) Bromochloromethane	4.898	49	24253	21.800	ug/l #	68
29) Tetrahydrofuran	5.013	42	70299	106.266	ug/l #	80
30) Chloroform	5.093	83	54186	19.815	ug/l	96
31) Cyclohexane	5.458	56	33950	16.852	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	42288	17.954	ug/l	95
36) 1,1-Dichloropropene	5.690	75	32935	16.098	ug/l	95
37) Ethyl Acetate	4.721	43	41171	19.627	ug/l #	91
38) Carbon Tetrachloride	5.672	117	34870	16.491	ug/l	95
39) Methylcyclohexane	7.379	83	38230	15.325	ug/l	91
40) Benzene	6.038	78	115738	18.386	ug/l	98

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41) Methacrylonitrile	4.922	41	22213	20.787	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	42139	19.991	ug/l	90
43) Isopropyl Acetate	6.342	43	62887	20.016	ug/l #	89
44) Trichloroethene	7.129	130	29656	17.151	ug/l	89
45) 1,2-Dichloropropane	7.428	63	29560	19.174	ug/l	99
46) Dibromomethane	7.580	93	22785	19.693	ug/l	91
47) Bromodichloromethane	7.824	83	40190	19.010	ug/l	97
48) Methyl methacrylate	7.696	41	30868	20.528	ug/l #	79
49) 1,4-Dioxane	7.665	88	19440	412.027	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	206295	103.241	ug/l #	86
52) Toluene	8.720	92	74868	18.311	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	41677	18.985	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	46861	19.186	ug/l #	82
55) 1,1,2-Trichloroethane	9.153	97	34237	20.139	ug/l	99
56) Ethyl methacrylate	9.116	69	51011	20.594	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	56155	19.821	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	112407	89.694	ug/l	92
59) 2-Hexanone	9.433	43	159672	104.770	ug/l	85
60) Dibromochloromethane	9.525	129	33097	19.553	ug/l	100
61) 1,2-Dibromoethane	9.610	107	36276	19.927	ug/l	98
64) Tetrachloroethene	9.275	164	24457	16.415	ug/l	99
65) Chlorobenzene	10.080	112	84367	18.047	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	31076	18.757	ug/l	99
67) Ethyl Benzene	10.195	91	139130	17.509	ug/l	99
68) m/p-Xylenes	10.299	106	110172	35.245	ug/l	97
69) o-Xylene	10.640	106	56056	18.035	ug/l	98
70) Styrene	10.659	104	93367	18.477	ug/l	96
71) Bromoform	10.799	173	22942	18.330	ug/l #	100
73) Isopropylbenzene	10.964	105	137377	17.378	ug/l	99
74) N-amyl acetate	10.842	43	53426	19.606	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	53752	19.567	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	47444m	19.216	ug/l	
77) Bromobenzene	11.201	156	36871	18.843	ug/l	90
78) n-propylbenzene	11.305	91	150672	17.139	ug/l	99
79) 2-Chlorotoluene	11.366	91	101694	18.205	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	119402	17.808	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12781	17.837	ug/l	91
82) 4-Chlorotoluene	11.457	91	112393	17.845	ug/l	96
83) tert-Butylbenzene	11.713	119	115657	17.109	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	121194	18.079	ug/l	96
85) sec-Butylbenzene	11.890	105	134910	16.555	ug/l	99
86) p-Isopropyltoluene	12.006	119	116764	16.918	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	64904	17.433	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	65417	17.272	ug/l	98
89) n-Butylbenzene	12.335	91	88829	15.665	ug/l	99
90) Hexachloroethane	12.536	117	18847	16.070	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	67304	18.148	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10970	18.756	ug/l	76
93) 1,2,4-Trichlorobenzene	13.585	180	38060	16.968	ug/l	97
94) Hexachlorobutadiene	13.725	225	14307	14.450	ug/l	98
95) Naphthalene	13.774	128	144723	18.470	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	40511	17.485	ug/l	99

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

