

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090123\
 Data File : VX037466.D
 Acq On : 01 Sep 2023 15:44
 Operator : JC/MD
 Sample : VX0901WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901WBS01

Quant Time: Sep 02 04:29:07 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/02/2023
 Supervised By : Semsettin Yesilyurt 09/04/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	142590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	245757	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100858	49.063	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.120%		
35) Dibromofluoromethane	5.385	113	87533	53.781	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.560%		
50) Toluene-d8	8.647	98	306394	51.897	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	103.800%		
62) 4-Bromofluorobenzene	11.079	95	123508	53.233	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	30085	18.163	ug/l	97
3) Chloromethane	1.294	50	28285	19.519	ug/l	99
4) Vinyl Chloride	1.374	62	31001	19.654	ug/l	99
5) Bromomethane	1.611	94	19553	24.887	ug/l	100
6) Chloroethane	1.685	64	19440	20.944	ug/l	100
7) Trichlorofluoromethane	1.886	101	50069	19.378	ug/l	100
8) Diethyl Ether	2.136	74	19477	19.484	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	29079	19.292	ug/l	95
10) Methyl Iodide	2.453	142	36378	19.858	ug/l	95
11) Tert butyl alcohol	2.977	59	38283	79.389	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	27855	18.977	ug/l	83
13) Acrolein	2.239	56	23178	63.182	ug/l	100
14) Allyl chloride	2.666	41	41232	18.148	ug/l #	90
15) Acrylonitrile	3.068	53	81256	94.407	ug/l	98
16) Acetone	2.386	43	66490	82.678	ug/l #	88
17) Carbon Disulfide	2.514	76	57602	15.428	ug/l	99
18) Methyl Acetate	2.703	43	55447	18.311	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	106306	19.096	ug/l	97
20) Methylene Chloride	2.788	84	33886	18.842	ug/l #	84
21) trans-1,2-Dichloroethene	3.093	96	30214	18.108	ug/l	86
22) Diisopropyl ether	3.757	45	90293	19.368	ug/l #	93
23) Vinyl Acetate	3.721	43	325198	91.025	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	55943	19.135	ug/l	97
25) 2-Butanone	4.562	43	104478	86.282	ug/l #	88
26) 2,2-Dichloropropane	4.477	77	44611	17.086	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	37006	18.813	ug/l	88
28) Bromochloromethane	4.897	49	27482	21.043	ug/l #	72
29) Tetrahydrofuran	5.007	42	67011	86.777	ug/l #	81
30) Chloroform	5.099	83	62247	18.967	ug/l	98
31) Cyclohexane	5.471	56	44182	19.114	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	54637	18.578	ug/l	96
36) 1,1-Dichloropropene	5.690	75	42355	18.317	ug/l	98
37) Ethyl Acetate	4.715	43	41158	17.424	ug/l #	91
38) Carbon Tetrachloride	5.678	117	44670	17.784	ug/l	97
39) Methylcyclohexane	7.379	83	51969	21.391	ug/l	90
40) Benzene	6.037	78	129315	19.499	ug/l	100

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41) Methacrylonitrile	4.916	41	23013	18.741	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	47117	18.117	ug/l	92
43) Isopropyl Acetate	6.342	43	68254	18.201	ug/l #	91
44) Trichloroethene	7.123	130	35989	19.138	ug/l	99
45) 1,2-Dichloropropane	7.434	63	32392	19.809	ug/l	99
46) Dibromomethane	7.580	93	23999	18.630	ug/l	93
47) Bromodichloromethane	7.824	83	44357	17.977	ug/l	95
48) Methyl methacrylate	7.696	41	32912	17.996	ug/l #	82
49) 1,4-Dioxane	7.690	88	17474	354.772	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	212859	93.475	ug/l	89
52) Toluene	8.720	92	84423	19.267	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	45374	17.271	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	51399	18.104	ug/l #	82
55) 1,1,2-Trichloroethane	9.153	97	35944	20.145	ug/l	99
56) Ethyl methacrylate	9.116	69	53789	19.246	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	58880	19.576	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	110193	82.160	ug/l	91
59) 2-Hexanone	9.427	43	159325	91.762	ug/l	87
60) Dibromochloromethane	9.519	129	34296	18.053	ug/l	99
61) 1,2-Dibromoethane	9.610	107	38019	19.462	ug/l	98
64) Tetrachloroethene	9.275	164	28414	17.634	ug/l	98
65) Chlorobenzene	10.079	112	91795	19.663	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	33778	19.605	ug/l	99
67) Ethyl Benzene	10.195	91	161627	19.676	ug/l	100
68) m/p-Xylenes	10.299	106	125172	39.459	ug/l	98
69) o-Xylene	10.640	106	63144	20.175	ug/l	98
70) Styrene	10.653	104	102372	19.857	ug/l	96
71) Bromoform	10.799	173	22859	17.737	ug/l #	98
73) Isopropylbenzene	10.963	105	164417	20.558	ug/l	98
74) N-amyl acetate	10.841	43	57425	18.479	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	53266	19.776	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	44446m	18.967	ug/l	
77) Bromobenzene	11.195	156	38756	19.842	ug/l	92
78) n-propylbenzene	11.305	91	180186	20.233	ug/l	99
79) 2-Chlorotoluene	11.366	91	113115	19.876	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	140017	20.987	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	13318	15.874	ug/l	92
82) 4-Chlorotoluene	11.457	91	128879	19.618	ug/l	98
83) tert-Butylbenzene	11.713	119	139982	22.001	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	139981	20.761	ug/l	97
85) sec-Butylbenzene	11.890	105	170698	22.968	ug/l	99
86) p-Isopropyltoluene	12.006	119	144791	22.632	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	71000	19.415	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	72334	19.145	ug/l	100
89) n-Butylbenzene	12.329	91	114790	21.641	ug/l	98
90) Hexachloroethane	12.536	117	21904	20.513	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	72542	20.258	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11433	18.268	ug/l	81
93) 1,2,4-Trichlorobenzene	13.585	180	43587	20.802	ug/l	98
94) Hexachlorobutadiene	13.725	225	19478	24.063	ug/l	98
95) Naphthalene	13.774	128	166929	18.187	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	45452	21.834	ug/l	99

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

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