

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090723\
 Data File : VX037575.D
 Acq On : 07 Sep 2023 13:28
 Operator : JC/MD
 Sample : VX0907WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/08/2023
 Supervised By : Mahesh Dadoda 09/08/2023

Quant Time: Sep 08 00:43:41 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	5.556	168	121142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	207455	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85085	48.718	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.440%		
35) Dibromofluoromethane	5.391	113	77677	56.537	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	113.080%		
50) Toluene-d8	8.653	98	265501	53.273	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	106.540%		
62) 4-Bromofluorobenzene	11.079	95	107853	55.068	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22753	16.169	ug/l	98
3) Chloromethane	1.307	50	22187	18.022	ug/l	96
4) Vinyl Chloride	1.374	62	24607	18.363	ug/l	99
5) Bromomethane	1.599	94	12042	18.040	ug/l	96
6) Chloroethane	1.678	64	16035	20.334	ug/l	96
7) Trichlorofluoromethane	1.886	101	36826	16.776	ug/l	100
8) Diethyl Ether	2.136	74	16110	18.969	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	23703	18.510	ug/l	95
10) Methyl Iodide	2.447	142	28091	18.049	ug/l	93
11) Tert butyl alcohol	2.971	59	36410	88.873	ug/l #	93
12) 1,1-Dichloroethene	2.318	96	23005	18.448	ug/l #	76
13) Acrolein	2.239	56	29870	95.840	ug/l	99
14) Allyl chloride	2.666	41	33828	17.526	ug/l #	87
15) Acrylonitrile	3.068	53	80426	109.987	ug/l	98
16) Acetone	2.379	43	70905	103.778	ug/l #	88
17) Carbon Disulfide	2.507	76	42924	13.532	ug/l	98
18) Methyl Acetate	2.709	43	52024	20.223	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	88453	18.702	ug/l	98
20) Methylene Chloride	2.788	84	28607	18.723	ug/l #	84
21) trans-1,2-Dichloroethene	3.087	96	25368	17.895	ug/l	83
22) Diisopropyl ether	3.763	45	77028	19.448	ug/l #	87
23) Vinyl Acetate	3.727	43	277495	91.425	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	47469	19.111	ug/l	96
25) 2-Butanone	4.562	43	103293	100.406	ug/l #	88
26) 2,2-Dichloropropane	4.477	77	36551	16.478	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	31761	19.005	ug/l	86
28) Bromochloromethane	4.897	49	22049	19.872	ug/l #	72
29) Tetrahydrofuran	5.013	42	64218	97.883	ug/l #	81
30) Chloroform	5.092	83	53093	19.042	ug/l	97
31) Cyclohexane	5.470	56	33407	17.012	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	43573	17.439	ug/l	95
36) 1,1-Dichloropropene	5.696	75	32956	16.883	ug/l	97
37) Ethyl Acetate	4.721	43	37695	18.905	ug/l #	90
38) Carbon Tetrachloride	5.678	117	36472	17.201	ug/l	94
39) Methylcyclohexane	7.385	83	39058	19.045	ug/l	90
40) Benzene	6.037	78	110015	19.652	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	20069	19.361	ug/l #	83
42) 1,2-Dichloroethane	6.086	62	38918	17.727	ug/l	91
43) Isopropyl Acetate	6.342	43	58392	18.446	ug/l #	89
44) Trichloroethene	7.129	130	29222	18.408	ug/l	89
45) 1,2-Dichloropropane	7.433	63	28540	20.676	ug/l	95
46) Dibromomethane	7.586	93	21202	19.497	ug/l	93
47) Bromodichloromethane	7.824	83	39153	18.798	ug/l	99
48) Methyl methacrylate	7.696	41	27780	17.994	ug/l #	78
49) 1,4-Dioxane	7.665	88	17353	417.363	ug/l #	87
51) 4-Methyl-2-Pentanone	8.573	43	202106	105.139	ug/l	89
52) Toluene	8.720	92	72614	19.631	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	37664	16.983	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	42565	17.761	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	32612	21.652	ug/l	98
56) Ethyl methacrylate	9.116	69	46446	19.687	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	51861	20.425	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	100950	89.165	ug/l	92
59) 2-Hexanone	9.433	43	153652	104.833	ug/l	85
60) Dibromochloromethane	9.525	129	31673	19.751	ug/l	99
61) 1,2-Dibromoethane	9.610	107	32888	19.943	ug/l	98
64) Tetrachloroethene	9.275	164	23469	16.555	ug/l	96
65) Chlorobenzene	10.079	112	79480	19.351	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	30217	19.933	ug/l	99
67) Ethyl Benzene	10.195	91	135156	18.701	ug/l	99
68) m/p-Xylenes	10.305	106	104716	37.520	ug/l	97
69) o-Xylene	10.646	106	52779	19.167	ug/l	99
70) Styrene	10.658	104	89305	19.689	ug/l	95
71) Bromoform	10.799	173	22197	19.576	ug/l #	98
73) Isopropylbenzene	10.963	105	137417	19.028	ug/l	98
74) N-amyl acetate	10.847	43	50085	17.849	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	51265	21.078	ug/l	96
76) 1,2,3-Trichloropropane	11.238	75	41224m	19.482	ug/l	
77) Bromobenzene	11.201	156	34288	19.440	ug/l	90
78) n-propylbenzene	11.305	91	151735	18.869	ug/l	99
79) 2-Chlorotoluene	11.366	91	97768	19.025	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	117674	19.533	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12454	16.439	ug/l	93
82) 4-Chlorotoluene	11.457	91	109569	18.471	ug/l	98
83) tert-Butylbenzene	11.713	119	119907	20.871	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	117046	19.224	ug/l	96
85) sec-Butylbenzene	11.890	105	143806	21.429	ug/l	98
86) p-Isopropyltoluene	12.012	119	120134	20.796	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	62591	18.955	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	62017	18.178	ug/l	99
89) n-Butylbenzene	12.335	91	95004	19.836	ug/l	99
90) Hexachloroethane	12.542	117	19886	20.624	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	64289	19.882	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10730	18.987	ug/l	80
93) 1,2,4-Trichlorobenzene	13.591	180	36482	19.282	ug/l	96
94) Hexachlorobutadiene	13.725	225	16217	22.187	ug/l	98
95) Naphthalene	13.774	128	130981	15.804	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	37938	20.183	ug/l	99

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

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