

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092223\
 Data File : VX037867.D
 Acq On : 22 Sep 2023 10:35
 Operator : JC/MD
 Sample : VX0922WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0922WBSD01

Quant Time: Sep 23 01:21:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	236434	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	380110	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	363983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	202415	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156688	50.441	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.880%	
35) Dibromofluoromethane	5.385	113	133164	52.358	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.720%	
50) Toluene-d8	8.647	98	500709	52.985	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.960%	
62) 4-Bromofluorobenzene	11.079	95	189695	55.241	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.480%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	44440	17.833	ug/l	99
3) Chloromethane	1.294	50	45078	16.625	ug/l	95
4) Vinyl Chloride	1.374	62	51057	17.454	ug/l	97
5) Bromomethane	1.611	94	39898	19.052	ug/l	98
6) Chloroethane	1.691	64	34878	17.307	ug/l	97
7) Trichlorofluoromethane	1.892	101	88467	18.811	ug/l	99
8) Diethyl Ether	2.130	74	33019	18.122	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	46150	19.336	ug/l	95
10) Methyl Iodide	2.453	142	55096	17.444	ug/l	93
11) Tert butyl alcohol	2.953	59	52600	78.887	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	42326	18.350	ug/l	87
13) Acrolein	2.233	56	49251	74.768	ug/l	100
14) Allyl chloride	2.666	41	66753	17.376	ug/l #	96
15) Acrylonitrile	3.062	53	131975	89.023	ug/l	99
16) Acetone	2.373	43	120214	80.445	ug/l	90
17) Carbon Disulfide	2.514	76	95417	16.499	ug/l	98
18) Methyl Acetate	2.703	43	96706	17.939	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	156413	18.434	ug/l	98
20) Methylene Chloride	2.788	84	52861	19.118	ug/l #	90
21) trans-1,2-Dichloroethene	3.093	96	47456	18.528	ug/l	87
22) Diisopropyl ether	3.757	45	148994	18.619	ug/l #	96
23) Vinyl Acetate	3.721	43	543378	92.316	ug/l	97
24) 1,1-Dichloroethane	3.611	63	87219	18.188	ug/l	99
25) 2-Butanone	4.556	43	176013	83.467	ug/l	90
26) 2,2-Dichloropropane	4.477	77	70918	18.303	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	59206	18.855	ug/l	89
28) Bromochloromethane	4.897	49	43015	19.228	ug/l #	82
29) Tetrahydrofuran	5.007	42	113648	86.641	ug/l	89
30) Chloroform	5.093	83	97496	18.874	ug/l	99
31) Cyclohexane	5.470	56	73044	18.320	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	83089	18.996	ug/l	98
36) 1,1-Dichloropropene	5.696	75	68480	19.546	ug/l	96
37) Ethyl Acetate	4.715	43	70221	18.231	ug/l	96
38) Carbon Tetrachloride	5.678	117	70033	19.104	ug/l	100
39) Methylcyclohexane	7.379	83	85675	19.267	ug/l	93
40) Benzene	6.037	78	203907	18.926	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	36224	18.445	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	75263	19.328	ug/l	97
43) Isopropyl Acetate	6.342	43	112881	18.328	ug/l #	95
44) Trichloroethene	7.123	130	55755	18.583	ug/l	99
45) 1,2-Dichloropropane	7.427	63	53163	19.001	ug/l	99
46) Dibromomethane	7.580	93	38661	19.209	ug/l	93
47) Bromodichloromethane	7.824	83	72100	19.451	ug/l	97
48) Methyl methacrylate	7.696	41	53698	18.239	ug/l #	85
49) 1,4-Dioxane	7.659	88	26377	341.732	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	364697	93.331	ug/l	96
52) Toluene	8.720	92	133886	19.282	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	75806	19.559	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	82581	19.252	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	57203	19.540	ug/l	95
56) Ethyl methacrylate	9.116	69	82545	18.887	ug/l	90
57) 1,3-Dichloropropane	9.311	76	91759	19.370	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	183776	90.053	ug/l	99
59) 2-Hexanone	9.427	43	275466	90.542	ug/l	94
60) Dibromochloromethane	9.519	129	56633	19.419	ug/l	99
61) 1,2-Dibromoethane	9.610	107	60758	19.602	ug/l	99
64) Tetrachloroethene	9.275	164	48771	19.647	ug/l	97
65) Chlorobenzene	10.079	112	148874	18.962	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	54073	19.435	ug/l	99
67) Ethyl Benzene	10.195	91	262586	19.291	ug/l	98
68) m/p-Xylenes	10.299	106	206433	39.247	ug/l	97
69) o-Xylene	10.640	106	99390	18.844	ug/l	99
70) Styrene	10.659	104	168610	19.912	ug/l	96
71) Bromoform	10.799	173	40644	18.492	ug/l #	100
73) Isopropylbenzene	10.963	105	266754	17.963	ug/l	98
74) N-amyl acetate	10.841	43	101394	16.859	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	92862	17.780	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	79766m	17.038	ug/l	
77) Bromobenzene	11.195	156	67101	18.256	ug/l	88
78) n-propylbenzene	11.305	91	320318	19.099	ug/l	99
79) 2-Chlorotoluene	11.366	91	187805	18.162	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	230610	18.389	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23127	15.824	ug/l	96
82) 4-Chlorotoluene	11.457	91	222547	19.116	ug/l	97
83) tert-Butylbenzene	11.713	119	230421	18.179	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	231750	18.573	ug/l	98
85) sec-Butylbenzene	11.890	105	295815	19.237	ug/l	99
86) p-Isopropyltoluene	12.006	119	249878	19.504	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	129906	18.960	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	134170	19.137	ug/l	98
89) n-Butylbenzene	12.335	91	234822	20.923	ug/l	97
90) Hexachloroethane	12.536	117	39364	18.134	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	130047	18.590	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18387	17.662	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	89205	21.648	ug/l	96
94) Hexachlorobutadiene	13.725	225	39452	20.502	ug/l	98
95) Naphthalene	13.774	128	269814	19.361	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	86980	20.512	ug/l	98

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

