

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121721\
 Data File : VX025875.D
 Acq On : 16 Dec 2021 23:46
 Operator : JC/MD
 Sample : VX1217WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD02

Quant Time: Dec 17 03:01:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	117490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	201082	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	70940	41.965	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.920%
35) Dibromofluoromethane	5.391	113	58540	41.744	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	83.480%
50) Toluene-d8	8.653	98	215440	42.164	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	84.320%#
62) 4-Bromofluorobenzene	11.085	95	79633	41.028	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.060%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	23549	22.411	ug/l	93
3) Chloromethane	1.294	50	23990	17.534	ug/l	99
4) Vinyl Chloride	1.373	62	26977	18.536	ug/l	99
5) Bromomethane	1.599	94	18776	18.068	ug/l	96
6) Chloroethane	1.684	64	18121	17.191	ug/l	98
7) Trichlorofluoromethane	1.886	101	43834	18.234	ug/l	98
8) Diethyl Ether	2.135	74	15792	16.653	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.324	101	22116	17.679	ug/l	99
10) Methyl Iodide	2.452	142	27630	17.334	ug/l	99
11) Tert butyl alcohol	2.971	59	28371	83.665	ug/l	98
12) 1,1-Dichloroethene	2.318	96	20990	16.876	ug/l	95
13) Acrolein	2.239	56	16636	71.773	ug/l	98
14) Allyl chloride	2.666	41	35516	15.646	ug/l	99
15) Acrylonitrile	3.068	53	69389	87.654	ug/l	100
16) Acetone	2.385	43	62741	70.746	ug/l	100
17) Carbon Disulfide	2.513	76	47667	13.379	ug/l	98
18) Methyl Acetate	2.709	43	46485	18.042	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	75559	17.199	ug/l	98
20) Methylene Chloride	2.794	84	25479	15.975	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	23838	17.173	ug/l	97
22) Diisopropyl ether	3.769	45	77260	17.546	ug/l	94
23) Vinyl Acetate	3.727	43	293353	86.092	ug/l	99
24) 1,1-Dichloroethane	3.611	63	42561	16.928	ug/l	96
25) 2-Butanone	4.568	43	100436	88.336	ug/l	97
26) 2,2-Dichloropropane	4.483	77	23779	12.470	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	27841	16.915	ug/l	97
28) Bromochloromethane	4.903	49	21396	18.884	ug/l	96
29) Tetrahydrofuran	5.019	42	63124	87.322	ug/l	99
30) Chloroform	5.098	83	46061	16.704	ug/l	98
31) Cyclohexane	5.470	56	38504	18.730	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	39315	16.382	ug/l	99
36) 1,1-Dichloropropene	5.702	75	32517	17.098	ug/l	99
37) Ethyl Acetate	4.726	43	37211	17.611	ug/l	100
38) Carbon Tetrachloride	5.678	117	34829	15.740	ug/l	90
39) Methylcyclohexane	7.385	83	39446	18.537	ug/l	94
40) Benzene	6.043	78	98542	17.370	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	20222	17.294	ug/l	98
42) 1,2-Dichloroethane	6.092	62	37435	17.362	ug/l	100
43) Isopropyl Acetate	6.348	43	57088	16.770	ug/l	99
44) Trichloroethene	7.128	130	27136	17.182	ug/l	98
45) 1,2-Dichloropropane	7.433	63	24543	17.165	ug/l	100
46) Dibromomethane	7.586	93	18676	16.777	ug/l	98
47) Bromodichloromethane	7.823	83	32936	15.012	ug/l	99
48) Methyl methacrylate	7.695	41	27849	17.373	ug/l	99
49) 1,4-Dioxane	7.665	88	12914	369.011	ug/l	95
51) 4-Methyl-2-Pentanone	8.579	43	199327	89.448	ug/l	100
52) Toluene	8.720	92	64391	17.814	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	29217	13.971	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	34640	15.139	ug/l	97
55) 1,1,2-Trichloroethane	9.152	97	26104	16.840	ug/l	94
56) Ethyl methacrylate	9.122	69	37626	16.901	ug/l	100
57) 1,3-Dichloropropane	9.311	76	43508	17.111	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	102201	103.747	ug/l	99
59) 2-Hexanone	9.433	43	152981	90.606	ug/l	99
60) Dibromochloromethane	9.524	129	24922	14.165	ug/l	98
61) 1,2-Dibromoethane	9.610	107	27921	16.612	ug/l	100
64) Tetrachloroethene	9.274	164	24852	16.469	ug/l	94
65) Chlorobenzene	10.079	112	70242	17.813	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	24117	15.662	ug/l	99
67) Ethyl Benzene	10.195	91	120502	18.071	ug/l	98
68) m/p-Xylenes	10.305	106	94462	36.405	ug/l	97
69) o-Xylene	10.646	106	47329	18.542	ug/l	98
70) Styrene	10.658	104	75941	17.879	ug/l	99
71) Bromoform	10.805	173	16262	12.820	ug/l #	100
73) Isopropylbenzene	10.963	105	122462	18.470	ug/l	100
74) N-amyl acetate	10.847	43	47409	17.777	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	41415	17.922	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	35064m	16.752	ug/l	
77) Bromobenzene	11.201	156	29733	17.483	ug/l	99
78) n-propylbenzene	11.305	91	137189	18.293	ug/l	99
79) 2-Chlorotoluene	11.366	91	85189	17.863	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	99738	18.137	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	6834	10.122	ug/l #	71
82) 4-Chlorotoluene	11.457	91	94436	17.683	ug/l	99
83) tert-Butylbenzene	11.719	119	99554	18.470	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	101353	18.450	ug/l	99
85) sec-Butylbenzene	11.890	105	124310	19.187	ug/l	100
86) p-Isopropyltoluene	12.012	119	101297	18.618	ug/l	99
87) 1,3-Dichlorobenzene	11.975	146	54396	17.166	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	55151	17.047	ug/l	99
89) n-Butylbenzene	12.335	91	82720	18.226	ug/l	98
90) Hexachloroethane	12.542	117	14039	13.129	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	54051	17.861	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7352	14.158	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	29315	18.363	ug/l	99
94) Hexachlorobutadiene	13.725	225	12456	19.350	ug/l	98
95) Naphthalene	13.780	128	102672	18.071	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	29797	18.512	ug/l	98

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

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