

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101824\
 Data File : VX043443.D
 Acq On : 18 Oct 2024 18:37
 Operator : JC/MD
 Sample : VX1018WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018WBSD02

Quant Time: Oct 18 23:25:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	37069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	75753	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	67573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	31113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	37898	62.601	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 125.200%#	
35) Dibromofluoromethane	5.391	113	28280	54.132	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.260%	
50) Toluene-d8	8.646	98	86130	47.574	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.140%	
62) 4-Bromofluorobenzene	11.079	95	33605	51.093	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.180%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	7692	17.839	ug/l	96
3) Chloromethane	1.294	50	10518	23.685	ug/l	92
4) Vinyl Chloride	1.379	62	9346	21.011	ug/l	100
5) Bromomethane	1.599	94	4482	24.663	ug/l	98
6) Chloroethane	1.672	64	6045	36.494	ug/l	93
7) Trichlorofluoromethane	1.879	101	13523	20.347	ug/l	99
8) Diethyl Ether	2.141	74	6695	25.886	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.330	101	7285	17.565	ug/l	99
10) Methyl Iodide	2.452	142	12227	23.472	ug/l	97
11) Tert butyl alcohol	2.989	59	14230	123.521	ug/l	98
12) 1,1-Dichloroethene	2.318	96	8173	19.844	ug/l	97
13) Acrolein	2.239	56	9469	87.024	ug/l	97
14) Allyl chloride	2.666	41	15739	23.261	ug/l	97
15) Acrylonitrile	3.074	53	29015	123.343	ug/l	98
16) Acetone	2.385	43	28770	113.798	ug/l	96
17) Carbon Disulfide	2.507	76	14692	14.666	ug/l	99
18) Methyl Acetate	2.708	43	16260	25.638	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	37504	25.453	ug/l	100
20) Methylene Chloride	2.794	84	11635	24.960	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	8939	21.808	ug/l	92
22) Diisopropyl ether	3.763	45	37617	27.640	ug/l	91
23) Vinyl Acetate	3.727	43	142801	98.191	ug/l	98
24) 1,1-Dichloroethane	3.611	63	20041	25.277	ug/l	98
25) 2-Butanone	4.568	43	43261	124.798	ug/l	99
26) 2,2-Dichloropropane	4.483	77	13533	17.940	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	12627	24.701	ug/l	99
28) Bromochloromethane	4.903	49	7167	22.913	ug/l	94
29) Tetrahydrofuran	5.019	42	26967	122.117	ug/l	99
30) Chloroform	5.092	83	22597	25.953	ug/l	96
31) Cyclohexane	5.470	56	12057	18.457	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	16559	20.706	ug/l	98
36) 1,1-Dichloropropene	5.690	75	11208	16.982	ug/l	100
37) Ethyl Acetate	4.726	43	16917	21.345	ug/l	96
38) Carbon Tetrachloride	5.677	117	12253	15.683	ug/l	98
39) Methylcyclohexane	7.378	83	12164	14.654	ug/l	95
40) Benzene	6.037	78	42086	21.032	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	8491	20.581	ug/l	95
42) 1,2-Dichloroethane	6.092	62	18166	22.279	ug/l	99
43) Isopropyl Acetate	6.342	43	27298	20.853	ug/l	99
44) Trichloroethene	7.128	130	10010	18.860	ug/l	92
45) 1,2-Dichloropropane	7.433	63	10940	22.278	ug/l	97
46) Dibromomethane	7.586	93	8438	21.444	ug/l	95
47) Bromodichloromethane	7.823	83	15228	19.684	ug/l	100
48) Methyl methacrylate	7.695	41	12472	19.417	ug/l	96
49) 1,4-Dioxane	7.671	88	5187	415.427	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	84411	106.167	ug/l	100
52) Toluene	8.720	92	25698	20.491	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	14351	18.668	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	16131	19.564	ug/l	92
55) 1,1,2-Trichloroethane	9.152	97	10837	21.743	ug/l	98
56) Ethyl methacrylate	9.116	69	16223	19.909	ug/l	97
57) 1,3-Dichloropropane	9.311	76	18180	21.417	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	34939	95.126	ug/l	98
59) 2-Hexanone	9.433	43	61442	102.190	ug/l	99
60) Dibromochloromethane	9.518	129	10370	17.935	ug/l	100
61) 1,2-Dibromoethane	9.610	107	10729	20.036	ug/l	100
64) Tetrachloroethene	9.274	164	8930	19.046	ug/l	95
65) Chlorobenzene	10.079	112	29398	20.236	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.164	131	9762	19.004	ug/l	95
67) Ethyl Benzene	10.195	91	45553	18.141	ug/l	100
68) m/p-Xylenes	10.299	106	34259	36.102	ug/l	98
69) o-Xylene	10.640	106	18669	19.798	ug/l	97
70) Styrene	10.658	104	29913	19.574	ug/l	100
71) Bromoform	10.798	173	5881	14.945	ug/l #	100
73) Isopropylbenzene	10.963	105	43161	17.843	ug/l	99
74) N-amyl acetate	10.841	43	20319	17.695	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	15786	20.032	ug/l	98
76) 1,2,3-Trichloropropane	11.237	75	14103m	20.436	ug/l	
77) Bromobenzene	11.201	156	11458	19.464	ug/l	98
78) n-propylbenzene	11.304	91	45158	17.005	ug/l	100
79) 2-Chlorotoluene	11.365	91	33278	19.493	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	36704	18.394	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	3404	12.783	ug/l	85
82) 4-Chlorotoluene	11.457	91	36668	18.854	ug/l	100
83) tert-Butylbenzene	11.713	119	34473	16.769	ug/l	98
84) 1,2,4-Trimethylbenzene	11.749	105	37835	18.845	ug/l	99
85) sec-Butylbenzene	11.890	105	40438	16.593	ug/l	97
86) p-Isopropyltoluene	12.006	119	33396	16.425	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	19632	18.932	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	20272	18.962	ug/l	98
89) n-Butylbenzene	12.335	91	26035	15.295	ug/l	99
90) Hexachloroethane	12.536	117	4989	13.084	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	20504	19.335	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	2901	15.078	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	10602	17.341	ug/l	98
94) Hexachlorobutadiene	13.725	225	3680	15.184	ug/l	94
95) Naphthalene	13.774	128	35802	15.930	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	10870	17.232	ug/l	97

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

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