

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122623\
 Data File : VX039463.D
 Acq On : 26 Dec 2023 13:34
 Operator : JC/MD
 Sample : VX1226WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBS01

Quant Time: Dec 26 15:52:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	110147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	200884	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99585	49.353	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.700%
35) Dibromofluoromethane	5.385	113	72125	51.971	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.940%
50) Toluene-d8	8.647	98	265905	51.609	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.220%
62) 4-Bromofluorobenzene	11.079	95	101085	47.551	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29881	19.306	ug/l	99
3) Chloromethane	1.294	50	34407	20.052	ug/l	96
4) Vinyl Chloride	1.374	62	32882	20.605	ug/l	97
5) Bromomethane	1.599	94	15654	17.050	ug/l	97
6) Chloroethane	1.666	64	17410	18.104	ug/l	100
7) Trichlorofluoromethane	1.874	101	46464	19.884	ug/l	96
8) Diethyl Ether	2.136	74	17332	21.431	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	27745	19.457	ug/l	95
10) Methyl Iodide	2.447	142	26524	17.996	ug/l	94
11) Tert butyl alcohol	2.995	59	51264	101.171	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	27240	19.231	ug/l	93
13) Acrolein	2.233	56	33755	83.504	ug/l	96
14) Allyl chloride	2.660	41	54170	18.879	ug/l	97
15) Acrylonitrile	3.062	53	107809	106.296	ug/l	99
16) Acetone	2.386	43	117035	84.172	ug/l	95
17) Carbon Disulfide	2.508	76	70272	16.953	ug/l	98
18) Methyl Acetate	2.703	43	95293	21.834	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	102798	20.067	ug/l	100
20) Methylene Chloride	2.788	84	34098	20.271	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	28442	18.453	ug/l	97
22) Diisopropyl ether	3.763	45	108352	20.744	ug/l #	86
23) Vinyl Acetate	3.721	43	394655	101.492	ug/l	98
24) 1,1-Dichloroethane	3.605	63	59312	20.088	ug/l	99
25) 2-Butanone	4.562	43	161337	92.657	ug/l	97
26) 2,2-Dichloropropane	4.471	77	46953	18.215	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	33731	19.828	ug/l	99
28) Bromochloromethane	4.891	49	31605	21.938	ug/l	93
29) Tetrahydrofuran	5.007	42	105846	110.075	ug/l	98
30) Chloroform	5.092	83	58227	19.734	ug/l	97
31) Cyclohexane	5.470	56	50547	19.395	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	47774	18.651	ug/l	96
36) 1,1-Dichloropropene	5.690	75	41801	19.087	ug/l	99
37) Ethyl Acetate	4.715	43	57093	21.101	ug/l	99
38) Carbon Tetrachloride	5.678	117	38186	18.271	ug/l	96
39) Methylcyclohexane	7.379	83	50132	19.057	ug/l	94
40) Benzene	6.037	78	124542	20.104	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	29519	20.448	ug/l	93
42) 1,2-Dichloroethane	6.086	62	49608	19.783	ug/l	100
43) Isopropyl Acetate	6.342	43	89271	20.290	ug/l	99
44) Trichloroethene	7.123	130	29263	18.719	ug/l	95
45) 1,2-Dichloropropane	7.427	63	33726	20.285	ug/l	99
46) Dibromomethane	7.580	93	22558	19.301	ug/l	95
47) Bromodichloromethane	7.818	83	42839	19.170	ug/l #	98
48) Methyl methacrylate	7.690	41	53525	20.809	ug/l	97
49) 1,4-Dioxane	7.665	88	16736	482.699	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	312556	111.496	ug/l	98
52) Toluene	8.720	92	75347	20.151	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	45123	18.341	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	50236	18.977	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	32230	20.647	ug/l	96
56) Ethyl methacrylate	9.116	69	38890	20.408	ug/l	94
57) 1,3-Dichloropropane	9.311	76	55456	20.550	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	121561	108.639	ug/l	93
59) 2-Hexanone	9.433	43	253926	104.956	ug/l	100
60) Dibromochloromethane	9.519	129	29935	18.962	ug/l	98
61) 1,2-Dibromoethane	9.610	107	33356	20.017	ug/l	100
64) Tetrachloroethene	9.275	164	23117	19.484	ug/l	97
65) Chlorobenzene	10.079	112	77608	19.583	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	27717	19.800	ug/l	98
67) Ethyl Benzene	10.195	91	146373	19.842	ug/l	99
68) m/p-Xylenes	10.299	106	106748	40.359	ug/l	96
69) o-Xylene	10.640	106	52811	20.651	ug/l	97
70) Styrene	10.652	104	76931	20.577	ug/l	98
71) Bromoform	10.799	173	19732	18.964	ug/l #	98
73) Isopropylbenzene	10.963	105	138988	21.599	ug/l	99
74) N-amyl acetate	10.841	43	75790	23.278	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	56113	23.441	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	46998m	21.780	ug/l	
77) Bromobenzene	11.195	156	30664	21.549	ug/l	91
78) n-propylbenzene	11.305	91	165182	20.834	ug/l	96
79) 2-Chlorotoluene	11.366	91	101880	21.244	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	119838	21.861	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	14599	19.086	ug/l	97
82) 4-Chlorotoluene	11.457	91	117187	20.804	ug/l	98
83) tert-Butylbenzene	11.713	119	112346	21.534	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	120627	21.457	ug/l	99
85) sec-Butylbenzene	11.890	105	137143	20.658	ug/l	98
86) p-Isopropyltoluene	12.012	119	114775	20.601	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	56891	20.350	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	58135	19.972	ug/l	98
89) n-Butylbenzene	12.335	91	104178	19.021	ug/l	93
90) Hexachloroethane	12.536	117	19007	18.886	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	58136	21.734	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13491	21.397	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	31818	18.166	ug/l	99
94) Hexachlorobutadiene	13.725	225	12508	18.950	ug/l	100
95) Naphthalene	13.774	128	131868	21.619	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	32590	19.274	ug/l	99

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

