

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101524\
 Data File : VX043407.D
 Acq On : 15 Oct 2024 15:51
 Operator : JC/MD
 Sample : VX1015WBS05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS05

Quant Time: Oct 16 07:29:26 2024
 Quant Title :
 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	5.549	168	97571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	173589	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81664	51.249	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.500%
35) Dibromofluoromethane	5.385	113	59273	49.512	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.020%
50) Toluene-d8	8.646	98	196984	47.482	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.960%
62) 4-Bromofluorobenzene	11.079	95	73987	49.090	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.180%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	22421	19.755	ug/l	92
3) Chloromethane	1.294	50	22818	19.521	ug/l	98
4) Vinyl Chloride	1.373	62	23871	20.388	ug/l	95
5) Bromomethane	1.599	94	9826	20.542	ug/l	96
6) Chloroethane	1.666	64	8565	19.645	ug/l	95
7) Trichlorofluoromethane	1.867	101	36541	20.888	ug/l	96
8) Diethyl Ether	2.135	74	13748	20.195	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.318	101	21841	20.007	ug/l	99
10) Methyl Iodide	2.446	142	26811	19.554	ug/l	99
11) Tert butyl alcohol	3.001	59	29407m	96.979	ug/l	
12) 1,1-Dichloroethene	2.312	96	20835	19.219	ug/l	98
13) Acrolein	2.239	56	22625	78.997	ug/l	97
14) Allyl chloride	2.660	41	35825	20.115	ug/l	99
15) Acrylonitrile	3.074	53	66531	107.450	ug/l	99
16) Acetone	2.391	43	65280	98.099	ug/l	99
17) Carbon Disulfide	2.501	76	42802	16.233	ug/l	97
18) Methyl Acetate	2.708	43	34450	20.637	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	83144	21.438	ug/l	100
20) Methylene Chloride	2.788	84	24224	19.743	ug/l	95
21) trans-1,2-Dichloroethene	3.086	96	22127	20.509	ug/l	97
22) Diisopropyl ether	3.769	45	76939	21.478	ug/l	89
23) Vinyl Acetate	3.720	43	341870	90.056	ug/l	99
24) 1,1-Dichloroethane	3.605	63	44422	21.286	ug/l	98
25) 2-Butanone	4.568	43	99235	108.760	ug/l	98
26) 2,2-Dichloropropane	4.470	77	38459	19.369	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	28013	20.819	ug/l	99
28) Bromochloromethane	4.897	49	14018	17.026	ug/l	95
29) Tetrahydrofuran	5.013	42	62923	108.254	ug/l	98
30) Chloroform	5.092	83	48136	21.004	ug/l	99
31) Cyclohexane	5.458	56	35382	20.578	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	43297	20.568	ug/l	98
36) 1,1-Dichloropropene	5.684	75	30466	20.144	ug/l	98
37) Ethyl Acetate	4.720	43	38519	21.209	ug/l	98
38) Carbon Tetrachloride	5.671	117	35284	19.708	ug/l	97
39) Methylcyclohexane	7.372	83	37608	19.772	ug/l	98
40) Benzene	6.031	78	93417	20.373	ug/l	99
41) Methacrylonitrile	4.921	41	20187	21.353	ug/l	97

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42) 1,2-Dichloroethane	6.086	62	40207	21.518	ug/l	99
43) Isopropyl Acetate	6.342	43	62216	20.740	ug/l	99
44) Trichloroethene	7.122	130	23933	19.679	ug/l	92
45) 1,2-Dichloropropane	7.427	63	22658	20.136	ug/l	98
46) Dibromomethane	7.580	93	18679	20.715	ug/l	98
47) Bromodichloromethane	7.823	83	35001	19.744	ug/l	99
48) Methyl methacrylate	7.695	41	30519	20.735	ug/l	99
49) 1,4-Dioxane	7.671	88	12659	442.441	ug/l #	85
51) 4-Methyl-2-Pentanone	8.573	43	195218	107.149	ug/l	100
52) Toluene	8.713	92	59127	20.575	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	35760	20.300	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	38129	20.181	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	23883	20.912	ug/l	99
56) Ethyl methacrylate	9.116	69	40059	21.454	ug/l	99
57) 1,3-Dichloropropane	9.305	76	41973	21.578	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	88193	104.785	ug/l	100
59) 2-Hexanone	9.433	43	147067	106.742	ug/l	100
60) Dibromochloromethane	9.518	129	24826	18.737	ug/l	99
61) 1,2-Dibromoethane	9.610	107	25096	20.452	ug/l	100
64) Tetrachloroethene	9.274	164	21668	21.398	ug/l	98
65) Chlorobenzene	10.079	112	64318	20.500	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.164	131	22350	20.146	ug/l	99
67) Ethyl Benzene	10.195	91	112078	20.668	ug/l	99
68) m/p-Xylenes	10.299	106	83936	40.957	ug/l	99
69) o-Xylene	10.640	106	40951	20.109	ug/l	97
70) Styrene	10.652	104	68375	20.718	ug/l	99
71) Bromoform	10.798	173	15277	17.976	ug/l #	99
73) Isopropylbenzene	10.963	105	109618	20.878	ug/l	100
74) N-amyl acetate	10.841	43	52021	20.871	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	36286	21.214	ug/l	98
76) 1,2,3-Trichloropropane	11.237	75	31307m	20.900	ug/l	
77) Bromobenzene	11.195	156	25938	20.300	ug/l	100
78) n-propylbenzene	11.304	91	118507	20.560	ug/l	100
79) 2-Chlorotoluene	11.365	91	75564	20.392	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	90926	20.994	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	10685	18.486	ug/l	95
82) 4-Chlorotoluene	11.457	91	85314	20.210	ug/l	99
83) tert-Butylbenzene	11.713	119	90227	20.221	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	89370	20.508	ug/l	98
85) sec-Butylbenzene	11.890	105	109833	20.764	ug/l	100
86) p-Isopropyltoluene	12.006	119	88833	20.129	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	45211	20.086	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	46404	19.997	ug/l	99
89) n-Butylbenzene	12.335	91	72392	19.593	ug/l	100
90) Hexachloroethane	12.536	117	15218	18.387	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	46576	20.234	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	8046	19.267	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	26008	19.599	ug/l	98
94) Hexachlorobutadiene	13.725	225	10337	19.650	ug/l	97
95) Naphthalene	13.774	128	98085	20.106	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	26748	19.536	ug/l	97

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