

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101824\
 Data File : VX043444.D
 Acq On : 18 Oct 2024 19:00
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Oct 18 23:26:13 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	41764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	81792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	75177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	35941	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	43501	63.778	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 127.560%#	
35) Dibromofluoromethane	5.391	113	32931	58.381	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 116.760%	
50) Toluene-d8	8.647	98	103376	52.884	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.760%	
62) 4-Bromofluorobenzene	11.079	95	40933	57.640	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 115.280%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	22638	46.600	ug/l	97
3) Chloromethane	1.294	50	28620	57.203	ug/l	98
4) Vinyl Chloride	1.380	62	26655	53.188	ug/l	99
5) Bromomethane	1.599	94	12623	61.652	ug/l	98
6) Chloroethane	1.679	64	16637	89.147	ug/l	99
7) Trichlorofluoromethane	1.880	101	42207	56.368	ug/l	99
8) Diethyl Ether	2.136	74	18419	63.211	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	23252	49.761	ug/l	98
10) Methyl Iodide	2.453	142	37382	63.694	ug/l	99
11) Tert butyl alcohol	2.983	59	43513	335.246	ug/l	99
12) 1,1-Dichloroethene	2.319	96	23857	51.414	ug/l	94
13) Acrolein	2.239	56	32712	266.840	ug/l	100
14) Allyl chloride	2.666	41	46753	61.329	ug/l	97
15) Acrylonitrile	3.069	53	86210	325.281	ug/l	99
16) Acetone	2.386	43	83117	291.804	ug/l	99
17) Carbon Disulfide	2.508	76	48132	42.646	ug/l	97
18) Methyl Acetate	2.709	43	46678	65.325	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	106315	64.041	ug/l	99
20) Methylene Chloride	2.794	84	32908	62.660	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	26349	57.056	ug/l	97
22) Diisopropyl ether	3.764	45	103961	67.801	ug/l	98
23) Vinyl Acetate	3.721	43	429401	242.754	ug/l	98
24) 1,1-Dichloroethane	3.611	63	58023	64.955	ug/l	98
25) 2-Butanone	4.562	43	125747	321.973	ug/l	99
26) 2,2-Dichloropropane	4.477	77	42682	50.220	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	36549	63.460	ug/l	98
28) Bromochloromethane	4.897	49	22205	63.008	ug/l	96
29) Tetrahydrofuran	5.007	42	79775	320.641	ug/l	98
30) Chloroform	5.093	83	63183	64.409	ug/l	100
31) Cyclohexane	5.471	56	36547	49.658	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	49477	54.912	ug/l	99
36) 1,1-Dichloropropene	5.690	75	34590	48.540	ug/l	98
37) Ethyl Acetate	4.721	43	47041	54.971	ug/l	99
38) Carbon Tetrachloride	5.678	117	38771	45.960	ug/l	98
39) Methylcyclohexane	7.379	83	38616	43.086	ug/l	99
40) Benzene	6.038	78	119488	55.305	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	26632	59.786	ug/l	98
42) 1,2-Dichloroethane	6.086	62	51324	58.296	ug/l	99
43) Isopropyl Acetate	6.342	43	79204	56.036	ug/l	100
44) Trichloroethene	7.129	130	28759	50.186	ug/l	98
45) 1,2-Dichloropropane	7.428	63	30996	58.460	ug/l	98
46) Dibromomethane	7.580	93	23725	55.841	ug/l	98
47) Bromodichloromethane	7.824	83	46659	55.859	ug/l #	99
48) Methyl methacrylate	7.696	41	38610	55.672	ug/l	97
49) 1,4-Dioxane	7.665	88	15852	1175.849	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	247109	287.851	ug/l	100
52) Toluene	8.720	92	74585	55.082	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	45629	54.972	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	49842	55.987	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	30938	57.491	ug/l	98
56) Ethyl methacrylate	9.116	69	49493	56.255	ug/l	99
57) 1,3-Dichloropropane	9.305	76	53426	58.291	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	101735	256.536	ug/l	99
59) 2-Hexanone	9.433	43	184202	283.745	ug/l	99
60) Dibromochloromethane	9.519	129	33622	53.856	ug/l	98
61) 1,2-Dibromoethane	9.610	107	32731	56.611	ug/l	97
64) Tetrachloroethene	9.275	164	25521	48.925	ug/l	96
65) Chlorobenzene	10.079	112	85930	53.167	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	30384	53.166	ug/l	99
67) Ethyl Benzene	10.195	91	139973	50.105	ug/l	98
68) m/p-Xylenes	10.299	106	105715	100.135	ug/l	100
69) o-Xylene	10.640	106	54777	52.215	ug/l	98
70) Styrene	10.653	104	93621	55.067	ug/l	99
71) Bromoform	10.799	173	20201	46.143	ug/l #	99
73) Isopropylbenzene	10.963	105	130801	46.810	ug/l	99
74) N-amyl acetate	10.842	43	63733	48.046	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	45639	50.136	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	39137m	49.093	ug/l	
77) Bromobenzene	11.195	156	34179	50.262	ug/l	98
78) n-propylbenzene	11.305	91	144620	47.145	ug/l	99
79) 2-Chlorotoluene	11.360	91	99668	50.538	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	113355	49.177	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	12510	40.669	ug/l	92
82) 4-Chlorotoluene	11.451	91	114536	50.982	ug/l	100
83) tert-Butylbenzene	11.713	119	108003	45.480	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	116030	50.029	ug/l	97
85) sec-Butylbenzene	11.890	105	128213	45.544	ug/l	98
86) p-Isopropyltoluene	12.006	119	108424	46.163	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	61044	50.960	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	61178	49.537	ug/l	99
89) n-Butylbenzene	12.329	91	88928	45.225	ug/l	99
90) Hexachloroethane	12.536	117	18166	41.241	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	61501	50.203	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9712	43.698	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	35259	49.925	ug/l	99
94) Hexachlorobutadiene	13.725	225	12578	44.926	ug/l	99
95) Naphthalene	13.774	128	120541	46.429	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	35480	48.691	ug/l	96

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

