

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012725\
 Data File : VX044714.D
 Acq On : 27 Jan 2025 11:24
 Operator : JC/MD
 Sample : VX0127WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0127WBS01

Quant Time: Jan 28 04:08:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/28/2025
 Supervised By : Mahesh Dadoda 01/28/2025

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	194501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	349402	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	294902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	132232	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	122056	41.574	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.140%
35) Dibromofluoromethane	5.379	113	101687	45.811	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.620%
50) Toluene-d8	8.640	98	374408	48.375	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.760%
62) 4-Bromofluorobenzene	11.079	95	134911	46.759	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.520%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	44749	17.097	ug/l	97
3) Chloromethane	1.300	50	53678	18.965	ug/l	98
4) Vinyl Chloride	1.373	62	48425	17.316	ug/l	98
5) Bromomethane	1.593	94	12630	18.914	ug/l	98
6) Chloroethane	1.666	64	19537	38.097	ug/l	98
7) Trichlorofluoromethane	1.873	101	51664	16.716	ug/l	100
8) Diethyl Ether	2.129	74	17567	14.084	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.318	101	42834	18.436	ug/l	97
10) Methyl Iodide	2.446	142	52896	16.675	ug/l	98
11) Tert butyl alcohol	2.977	59	51998	79.447	ug/l #	84
12) 1,1-Dichloroethene	2.312	96	42270	18.561	ug/l	97
13) Acrolein	2.233	56	21403	69.491	ug/l	99
14) Allyl chloride	2.660	41	77088	17.385	ug/l	98
15) Acrylonitrile	3.062	53	116149	90.479	ug/l	100
16) Acetone	2.379	43	93908	80.848	ug/l	99
17) Carbon Disulfide	2.501	76	114283	18.390	ug/l	99
18) Methyl Acetate	2.703	43	64807	18.085	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	141970	17.211	ug/l	98
20) Methylene Chloride	2.782	84	47323	17.495	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	41613	17.501	ug/l	98
22) Diisopropyl ether	3.757	45	145799	18.916	ug/l	95
23) Vinyl Acetate	3.715	43	610713	90.524	ug/l	99
24) 1,1-Dichloroethane	3.605	63	82157	17.974	ug/l	100
25) 2-Butanone	4.556	43	155565	90.078	ug/l	99
26) 2,2-Dichloropropane	4.464	77	70010	15.804	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	52012	17.390	ug/l	98
28) Bromochloromethane	4.891	49	39674	18.575	ug/l	95
29) Tetrahydrofuran	5.001	42	100494	90.213	ug/l	98
30) Chloroform	5.086	83	79982	17.339	ug/l	99
31) Cyclohexane	5.464	56	74004	20.018	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	68369	16.122	ug/l	99
36) 1,1-Dichloropropene	5.690	75	54103	17.510	ug/l	99
37) Ethyl Acetate	4.714	43	59455	18.069	ug/l	98
38) Carbon Tetrachloride	5.672	117	58196	16.744	ug/l	99
39) Methylcyclohexane	7.372	83	75160	18.324	ug/l	100
40) Benzene	6.031	78	177558	18.544	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	33769	17.612	ug/l	99
42) 1,2-Dichloroethane	6.080	62	56940	16.294	ug/l	99
43) Isopropyl Acetate	6.336	43	106960	17.670	ug/l	99
44) Trichloroethene	7.122	130	40285	17.501	ug/l	97
45) 1,2-Dichloropropane	7.421	63	44906	18.632	ug/l	99
46) Dibromomethane	7.580	93	31751	17.306	ug/l	98
47) Bromodichloromethane	7.817	83	64021	17.015	ug/l	99
48) Methyl methacrylate	7.689	41	50455	17.957	ug/l	98
49) 1,4-Dioxane	7.659	88	22357	381.373	ug/l	98
51) 4-Methyl-2-Pentanone	8.567	43	320897	95.928	ug/l	99
52) Toluene	8.714	92	107306	18.310	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	66983	17.231	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	73698	17.484	ug/l	99
55) 1,1,2-Trichloroethane	9.146	97	43335	18.277	ug/l	98
56) Ethyl methacrylate	9.116	69	73260	17.970	ug/l	99
57) 1,3-Dichloropropane	9.305	76	73374	18.173	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	155542	77.714	ug/l	98
59) 2-Hexanone	9.427	43	235185	95.563	ug/l	100
60) Dibromochloromethane	9.518	129	47865	17.200	ug/l	98
61) 1,2-Dibromoethane	9.604	107	43546	17.525	ug/l	99
64) Tetrachloroethene	9.268	164	34603	18.686	ug/l	96
65) Chlorobenzene	10.073	112	116677	18.627	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	39444	17.327	ug/l	98
67) Ethyl Benzene	10.189	91	203496	18.619	ug/l	99
68) m/p-Xylenes	10.299	106	154315	38.048	ug/l	97
69) o-Xylene	10.640	106	76225	18.584	ug/l	100
70) Styrene	10.652	104	127161	19.202	ug/l	98
71) Bromoform	10.799	173	32859	17.735	ug/l #	100
73) Isopropylbenzene	10.957	105	192068	17.780	ug/l	100
74) N-amyl acetate	10.841	43	92250	17.326	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	67283	18.034	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	54906m	17.110	ug/l	
77) Bromobenzene	11.195	156	44539	17.640	ug/l	97
78) n-propylbenzene	11.299	91	218400	18.333	ug/l	100
79) 2-Chlorotoluene	11.360	91	137301	17.842	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	158002	17.967	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23991	17.096	ug/l	95
82) 4-Chlorotoluene	11.451	91	153401	18.197	ug/l	97
83) tert-Butylbenzene	11.713	119	162534	17.676	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	159915	17.895	ug/l	99
85) sec-Butylbenzene	11.890	105	197899	18.485	ug/l	99
86) p-Isopropyltoluene	12.006	119	159273	18.102	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	80761	18.444	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	80443	18.173	ug/l	100
89) n-Butylbenzene	12.329	91	140139	18.544	ug/l	99
90) Hexachloroethane	12.536	117	33393	16.760	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	81242	18.066	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	13195	14.461	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	47294	17.593	ug/l	99
94) Hexachlorobutadiene	13.725	225	18173	17.210	ug/l	97
95) Naphthalene	13.774	128	184203	17.766	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	49087	17.616	ug/l	99

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

