

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044572.D
 Acq On : 31 Dec 2024 11:51
 Operator : JC/MD
 Sample : VX1231WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBSD02

Quant Time: Jan 01 01:38:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/02/2025
 Supervised By : Mahesh Dadoda 01/02/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	139800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	228508	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	199629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	94868	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	107849	43.999	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.000%
35) Dibromofluoromethane	5.373	113	82588	52.184	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.360%
50) Toluene-d8	8.641	98	271603	50.868	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.740%
62) 4-Bromofluorobenzene	11.079	95	94212	50.497	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	36864	17.054	ug/l	88
3) Chloromethane	1.294	50	35872	17.353	ug/l	95
4) Vinyl Chloride	1.374	62	35969	16.702	ug/l	97
5) Bromomethane	1.593	94	25953	16.987	ug/l	96
6) Chloroethane	1.666	64	25173	18.772	ug/l	100
7) Trichlorofluoromethane	1.868	101	63907	15.158	ug/l	99
8) Diethyl Ether	2.130	74	25586	17.779	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.313	101	32426	19.007	ug/l	96
10) Methyl Iodide	2.441	142	43969	19.555	ug/l	96
11) Tert butyl alcohol	2.989	59	28817	83.418	ug/l	99
12) 1,1-Dichloroethene	2.307	96	30229	19.291	ug/l	96
13) Acrolein	2.233	56	54459	108.905	ug/l	98
14) Allyl chloride	2.654	41	46743	17.909	ug/l	98
15) Acrylonitrile	3.062	53	87317	91.247	ug/l	100
16) Acetone	2.386	43	79128	79.184	ug/l	97
17) Carbon Disulfide	2.502	76	54911	18.435	ug/l	100
18) Methyl Acetate	2.703	43	46995	18.239	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	108941	17.816	ug/l	98
20) Methylene Chloride	2.782	84	35558	18.945	ug/l	95
21) trans-1,2-Dichloroethene	3.081	96	30735	18.455	ug/l	98
22) Diisopropyl ether	3.757	45	102430	17.428	ug/l	91
23) Vinyl Acetate	3.715	43	444986	93.127	ug/l	98
24) 1,1-Dichloroethane	3.605	63	59009	18.012	ug/l	100
25) 2-Butanone	4.562	43	120443	84.781	ug/l	100
26) 2,2-Dichloropropane	4.465	77	47742	17.938	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	39264	18.564	ug/l	94
28) Bromochloromethane	4.885	49	30558	19.021	ug/l	89
29) Tetrahydrofuran	5.001	42	78232	85.793	ug/l	98
30) Chloroform	5.086	83	64450	17.509	ug/l	96
31) Cyclohexane	5.458	56	46766	17.677	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	54810	17.939	ug/l	98
36) 1,1-Dichloropropene	5.678	75	40390	19.743	ug/l	99
37) Ethyl Acetate	4.708	43	49579	19.606	ug/l #	91
38) Carbon Tetrachloride	5.666	117	44268	20.099	ug/l	93
39) Methylcyclohexane	7.373	83	52011	21.267	ug/l	95
40) Benzene	6.031	78	128474	20.684	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	27102	20.183	ug/l	97
42) 1,2-Dichloroethane	6.080	62	51936	20.298	ug/l	99
43) Isopropyl Acetate	6.336	43	77050	19.494	ug/l	98
44) Trichloroethene	7.117	130	33449	21.595	ug/l	92
45) 1,2-Dichloropropane	7.428	63	30628	19.301	ug/l	99
46) Dibromomethane	7.574	93	25897	21.036	ug/l	93
47) Bromodichloromethane	7.818	83	42637	20.053	ug/l	95
48) Methyl methacrylate	7.690	41	36701	19.129	ug/l	95
49) 1,4-Dioxane	7.665	88	9714m	305.371	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	246547	97.013	ug/l	98
52) Toluene	8.714	92	80458	20.627	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	44614	20.744	ug/l	90
54) cis-1,3-Dichloropropene	8.360	75	47987	20.728	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	33505	21.622	ug/l	96
56) Ethyl methacrylate	9.116	69	49599	20.276	ug/l	96
57) 1,3-Dichloropropane	9.305	76	57245	21.224	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	104511	84.705	ug/l	96
59) 2-Hexanone	9.427	43	180065	97.888	ug/l	100
60) Dibromochloromethane	9.519	129	32372	20.990	ug/l	99
61) 1,2-Dibromoethane	9.604	107	35338	22.404	ug/l	98
64) Tetrachloroethene	9.269	164	30139	22.747	ug/l	94
65) Chlorobenzene	10.073	112	89550	20.935	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	28812	20.958	ug/l	95
67) Ethyl Benzene	10.189	91	148282	20.062	ug/l	96
68) m/p-Xylenes	10.299	106	113080	41.695	ug/l	95
69) o-Xylene	10.640	106	55948	20.389	ug/l	96
70) Styrene	10.653	104	92179	20.955	ug/l	95
71) Bromoform	10.799	173	19390	22.170	ug/l #	99
73) Isopropylbenzene	10.957	105	141981	19.550	ug/l	97
74) N-amyl acetate	10.842	43	60157	17.923	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	48891	19.382	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	40779m	19.252	ug/l	
77) Bromobenzene	11.195	156	37497	21.292	ug/l	89
78) n-propylbenzene	11.299	91	157850	19.665	ug/l	98
79) 2-Chlorotoluene	11.360	91	97092	18.703	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	118618	19.695	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	12019	20.024	ug/l	98
82) 4-Chlorotoluene	11.451	91	111274	19.357	ug/l	98
83) tert-Butylbenzene	11.713	119	119972	20.156	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	121137	20.480	ug/l	99
85) sec-Butylbenzene	11.890	105	144412	19.986	ug/l	98
86) p-Isopropyltoluene	12.006	119	122588	20.384	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	65819	21.396	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	64446	20.379	ug/l	99
89) n-Butylbenzene	12.329	91	98728	19.523	ug/l	99
90) Hexachloroethane	12.536	117	16961	19.320	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	65060	20.368	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8658	17.681	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	37112	21.192	ug/l	97
94) Hexachlorobutadiene	13.725	225	15863	22.520	ug/l	96
95) Naphthalene	13.774	128	132642	19.405	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	39953	21.510	ug/l	98

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

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

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