

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010625\
 Data File : VX044587.D
 Acq On : 06 Jan 2025 12:00
 Operator : JC/MD
 Sample : VX0106WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0106WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/06/2025
 Supervised By :Semsettin Yesilyurt 01/06/2025

Quant Time: Jan 06 16:03:09 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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	134840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	227677	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	199132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	96127	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	110387	46.691	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.380%
35) Dibromofluoromethane	5.379	113	83824	53.158	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.320%
50) Toluene-d8	8.641	98	286658	53.884	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.760%
62) 4-Bromofluorobenzene	11.079	95	102611	55.200	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.400%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.167	85	39229	18.815	ug/l 98
3) Chloromethane	1.295	50	36451	18.282	ug/l 98
4) Vinyl Chloride	1.374	62	37145	17.883	ug/l 99
5) Bromomethane	1.593	94	25033	16.988	ug/l 99
6) Chloroethane	1.666	64	24634	19.046	ug/l 99
7) Trichlorofluoromethane	1.874	101	66701	16.403	ug/l 98
8) Diethyl Ether	2.130	74	25483	18.359	ug/l 99
9) 1,1,2-Trichlorotrifluo...	2.319	101	33004	20.057	ug/l 95
10) Methyl Iodide	2.447	142	44433	20.488	ug/l 96
11) Tert butyl alcohol	2.983	59	29938	89.850	ug/l 100
12) 1,1-Dichloroethene	2.307	96	31421	20.789	ug/l 95
13) Acrolein	2.233	56	38520	79.864	ug/l 98
14) Allyl chloride	2.660	41	48046	19.085	ug/l 96
15) Acrylonitrile	3.063	53	86590	93.816	ug/l 98
16) Acetone	2.380	43	75632	78.469	ug/l 97
17) Carbon Disulfide	2.502	76	59647	20.761	ug/l 97
18) Methyl Acetate	2.703	43	46156	18.573	ug/l 97
19) Methyl tert-butyl Ether	3.111	73	112906	19.143	ug/l 99
20) Methylene Chloride	2.782	84	36716	20.281	ug/l 95
21) trans-1,2-Dichloroethene	3.087	96	32527	20.250	ug/l 94
22) Diisopropyl ether	3.757	45	108925	19.215	ug/l 96
23) Vinyl Acetate	3.715	43	461564	100.150	ug/l 98
24) 1,1-Dichloroethane	3.599	63	62733	19.853	ug/l 98
25) 2-Butanone	4.556	43	118324	86.353	ug/l 100
26) 2,2-Dichloropropane	4.471	77	52438	20.427	ug/l 99
27) cis-1,2-Dichloroethene	4.483	96	40626	19.915	ug/l 95
28) Bromochloromethane	4.891	49	54343	35.071	ug/l 91
29) Tetrahydrofuran	5.001	42	75796	86.180	ug/l 98
30) Chloroform	5.087	83	67560	19.030	ug/l 98
31) Cyclohexane	5.452	56	49104	19.244	ug/l 95
32) 1,1,1-Trichloroethane	5.373	97	58002	19.682	ug/l 100
36) 1,1-Dichloropropene	5.684	75	42776	20.986	ug/l 98
37) Ethyl Acetate	4.709	43	47264	18.758	ug/l 97
38) Carbon Tetrachloride	5.672	117	47832	21.797	ug/l 97
39) Methylcyclohexane	7.373	83	56134	23.036	ug/l 95
40) Benzene	6.031	78	137489	22.216	ug/l 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	26279	19.642	ug/l	98
42) 1,2-Dichloroethane	6.080	62	54261	21.284	ug/l	98
43) Isopropyl Acetate	6.336	43	78938	20.045	ug/l	99
44) Trichloroethene	7.117	130	35554	23.038	ug/l	92
45) 1,2-Dichloropropane	7.428	63	34034	21.526	ug/l	100
46) Dibromomethane	7.580	93	27914	22.757	ug/l	92
47) Bromodichloromethane	7.818	83	47586	22.463	ug/l	97
48) Methyl methacrylate	7.690	41	37154	19.435	ug/l	94
49) 1,4-Dioxane	7.665	88	10746	339.046	ug/l	88
51) 4-Methyl-2-Pentanone	8.574	43	247371	97.693	ug/l	98
52) Toluene	8.714	92	86664	22.300	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	46456	21.616	ug/l	95
54) cis-1,3-Dichloropropene	8.360	75	52740	22.865	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	35768	23.167	ug/l	98
56) Ethyl methacrylate	9.116	69	51327	21.058	ug/l	97
57) 1,3-Dichloropropane	9.305	76	57501	21.397	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	104414	84.935	ug/l	96
59) 2-Hexanone	9.427	43	179671	98.030	ug/l	99
60) Dibromochloromethane	9.519	129	35968	23.219	ug/l	99
61) 1,2-Dibromoethane	9.604	107	37270	23.715	ug/l	96
64) Tetrachloroethene	9.269	164	33035	24.995	ug/l	94
65) Chlorobenzene	10.073	112	97337	22.812	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	32681	23.831	ug/l	96
67) Ethyl Benzene	10.189	91	159397	21.620	ug/l	99
68) m/p-Xylenes	10.299	106	121867	45.047	ug/l	97
69) o-Xylene	10.640	106	61182	22.352	ug/l	96
70) Styrene	10.653	104	99727	22.727	ug/l	96
71) Bromoform	10.799	173	22080	24.982	ug/l #	100
73) Isopropylbenzene	10.957	105	155009	21.064	ug/l	99
74) N-amyl acetate	10.842	43	64125	18.855	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	51475	20.139	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	42169m	19.647	ug/l	
77) Bromobenzene	11.195	156	39771	22.287	ug/l	93
78) n-propylbenzene	11.299	91	176068	21.647	ug/l	99
79) 2-Chlorotoluene	11.360	91	108059	20.543	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	131884	21.611	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12791	20.751	ug/l	99
82) 4-Chlorotoluene	11.451	91	122170	20.974	ug/l	97
83) tert-Butylbenzene	11.713	119	131669	21.832	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	130545	21.782	ug/l	98
85) sec-Butylbenzene	11.890	105	156759	21.410	ug/l	97
86) p-Isopropyltoluene	12.006	119	134009	21.991	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	71410	22.909	ug/l	97
88) 1,4-Dichlorobenzene	12.037	146	72646	22.671	ug/l	98
89) n-Butylbenzene	12.329	91	107871	21.051	ug/l	100
90) Hexachloroethane	12.536	117	19510	21.932	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	73236	22.628	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9542	19.231	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	42980	24.222	ug/l	98
94) Hexachlorobutadiene	13.725	225	18280	25.612	ug/l	98
95) Naphthalene	13.774	128	144253	20.827	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	45035	23.929	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

