

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010625\
 Data File : VX044594.D
 Acq On : 06 Jan 2025 15:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Jan 06 16:04:17 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	5.537	168	141064	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	223349	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	196753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	98225	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	114202	46.174	ug/l	-0.01
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.340%
35) Dibromofluoromethane	5.373	113	93650	60.541	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	121.080%
50) Toluene-d8	8.641	98	300979	57.672	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	115.340%#
62) 4-Bromofluorobenzene	11.079	95	107154	58.761	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	117.520%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.166	85	107637	49.347	ug/l 99
3) Chloromethane	1.294	50	100612	48.236	ug/l 99
4) Vinyl Chloride	1.374	62	102509	47.173	ug/l 98
5) Bromomethane	1.593	94	71911	46.646	ug/l 94
6) Chloroethane	1.666	64	64647	47.777	ug/l 98
7) Trichlorofluoromethane	1.873	101	187657	44.112	ug/l 100
8) Diethyl Ether	2.130	74	71945	49.545	ug/l 100
9) 1,1,2-Trichlorotrifluo...	2.319	101	95521	55.489	ug/l 94
10) Methyl Iodide	2.440	142	129577	57.113	ug/l 95
11) Tert butyl alcohol	2.989	59	70807	203.131	ug/l 99
12) 1,1-Dichloroethene	2.306	96	86405	54.647	ug/l 94
13) Acrolein	2.233	56	115665	229.230	ug/l 99
14) Allyl chloride	2.654	41	134275	50.985	ug/l 98
15) Acrylonitrile	3.062	53	219078	226.888	ug/l 99
16) Acetone	2.380	43	188310	186.754	ug/l 96
17) Carbon Disulfide	2.501	76	177518	59.063	ug/l 99
18) Methyl Acetate	2.697	43	115836	44.555	ug/l 95
19) Methyl tert-butyl Ether	3.111	73	294140	47.671	ug/l 99
20) Methylene Chloride	2.782	84	97260	51.354	ug/l 94
21) trans-1,2-Dichloroethene	3.081	96	88014	52.376	ug/l 95
22) Diisopropyl ether	3.751	45	276226	46.577	ug/l # 87
23) Vinyl Acetate	3.715	43	1219022	252.832	ug/l 98
24) 1,1-Dichloroethane	3.599	63	166868	50.478	ug/l 99
25) 2-Butanone	4.556	43	293089	204.459	ug/l 98
26) 2,2-Dichloropropane	4.465	77	143541	53.449	ug/l 98
27) cis-1,2-Dichloroethene	4.477	96	110191	51.631	ug/l 95
28) Bromochloromethane	4.885	49	87343	53.881	ug/l 92
29) Tetrahydrofuran	5.001	42	188322	204.674	ug/l 99
30) Chloroform	5.080	83	180552	48.612	ug/l 98
31) Cyclohexane	5.458	56	135081	50.603	ug/l 96
32) 1,1,1-Trichloroethane	5.373	97	158956	51.558	ug/l 100
36) 1,1-Dichloropropene	5.678	75	115805	57.915	ug/l 97
37) Ethyl Acetate	4.702	43	121413	49.121	ug/l 98
38) Carbon Tetrachloride	5.665	117	131938	61.288	ug/l 98
39) Methylcyclohexane	7.366	83	150505	62.961	ug/l 97
40) Benzene	6.025	78	356222	58.676	ug/l 100

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41) Methacrylonitrile	4.910	41	68861	52.466	ug/l	98
42) 1,2-Dichloroethane	6.074	62	136203	54.462	ug/l	98
43) Isopropyl Acetate	6.330	43	196861	50.957	ug/l	98
44) Trichloroethene	7.116	130	94631	62.506	ug/l	94
45) 1,2-Dichloropropane	7.421	63	88533	57.080	ug/l	95
46) Dibromomethane	7.574	93	70066	58.228	ug/l	90
47) Bromodichloromethane	7.818	83	126707	60.971	ug/l	92
48) Methyl methacrylate	7.690	41	94683	50.489	ug/l	96
49) 1,4-Dioxane	7.659	88	28652	921.515	ug/l #	85
51) 4-Methyl-2-Pentanone	8.567	43	599924	241.516	ug/l	98
52) Toluene	8.714	92	221945	58.216	ug/l	100
53) t-1,3-Dichloropropene	8.970	75	125263	55.712	ug/l	95
54) cis-1,3-Dichloropropene	8.360	75	137239	60.651	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	87968	58.081	ug/l	98
56) Ethyl methacrylate	9.116	69	133290	55.746	ug/l	95
57) 1,3-Dichloropropane	9.305	76	147224	55.846	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.232	63	269688	223.628	ug/l	96
59) 2-Hexanone	9.427	43	432036	240.290	ug/l	98
60) Dibromochloromethane	9.518	129	94933	58.521	ug/l	98
61) 1,2-Dibromoethane	9.604	107	92845	60.223	ug/l	97
64) Tetrachloroethene	9.269	164	84852	64.977	ug/l	98
65) Chlorobenzene	10.073	112	245242	58.170	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	85686	63.239	ug/l	99
67) Ethyl Benzene	10.189	91	418134	57.400	ug/l	98
68) m/p-Xylenes	10.299	106	320423	119.874	ug/l	94
69) o-Xylene	10.640	106	159107	58.830	ug/l	92
70) Styrene	10.652	104	264480	61.002	ug/l	95
71) Bromoform	10.799	173	61894	63.234	ug/l #	100
73) Isopropylbenzene	10.957	105	408398	54.312	ug/l	100
74) N-amyl acetate	10.841	43	166398	47.882	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	127915	48.976	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	105709m	48.200	ug/l	
77) Bromobenzene	11.195	156	104405	57.257	ug/l	91
78) n-propylbenzene	11.299	91	461725	55.555	ug/l	97
79) 2-Chlorotoluene	11.360	91	275378	51.233	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	337676	54.151	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	36626	48.094	ug/l	94
82) 4-Chlorotoluene	11.451	91	322623	54.204	ug/l	99
83) tert-Butylbenzene	11.713	119	339995	55.170	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	341726	55.800	ug/l	97
85) sec-Butylbenzene	11.890	105	415824	55.580	ug/l	99
86) p-Isopropyltoluene	12.006	119	358974	57.649	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	186912	58.683	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	185701	56.716	ug/l	98
89) n-Butylbenzene	12.329	91	304748	58.202	ug/l	99
90) Hexachloroethane	12.536	117	55091	60.608	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	186806	56.484	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23770	46.883	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	113872	62.803	ug/l	98
94) Hexachlorobutadiene	13.725	225	49966	68.511	ug/l	98
95) Naphthalene	13.774	128	373042	52.708	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	117669	61.186	ug/l	99

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

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