

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032725\
 Data File : VX045475.D
 Acq On : 27 Mar 2025 14:27
 Operator : JC/MD
 Sample : VX0327WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2025
 Supervised By : Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 01:34:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	82220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	142072	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72551	55.474	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.940%			
35) Dibromofluoromethane	5.385	113	52172	54.918	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.840%			
50) Toluene-d8	8.647	98	174604	50.697	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.400%			
62) 4-Bromofluorobenzene	11.079	95	66424	58.202	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 116.400%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22169	21.420	ug/l	94
3) Chloromethane	1.307	50	22034	17.397	ug/l	99
4) Vinyl Chloride	1.368	62	20366	16.209	ug/l	98
5) Bromomethane	1.593	94	9596	19.428	ug/l	94
6) Chloroethane	1.672	64	12521	21.605	ug/l	93
7) Trichlorofluoromethane	1.874	101	32044	19.265	ug/l	98
8) Diethyl Ether	2.130	74	10565	16.239	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.319	101	20808	21.775	ug/l	98
10) Methyl Iodide	2.447	142	22886	19.164	ug/l	93
11) Tert butyl alcohol	2.971	59	19486	78.660	ug/l	98
12) 1,1-Dichloroethene	2.313	96	18260	18.074	ug/l	95
13) Acrolein	2.233	56	32704	114.205	ug/l	100
14) Allyl chloride	2.660	41	33895	18.847	ug/l	93
15) Acrylonitrile	3.062	53	60984	91.853	ug/l	98
16) Acetone	2.380	43	77436	127.615	ug/l	94
17) Carbon Disulfide	2.502	76	43967	16.339	ug/l	99
18) Methyl Acetate	2.703	43	26807	18.364	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	65717	19.388	ug/l	96
20) Methylene Chloride	2.782	84	22898	19.050	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	18004	18.038	ug/l	94
22) Diisopropyl ether	3.757	45	68509	18.731	ug/l #	80
23) Vinyl Acetate	3.721	43	294457	96.473	ug/l	99
24) 1,1-Dichloroethane	3.605	63	37848	18.464	ug/l	99
25) 2-Butanone	4.556	43	95797	104.883	ug/l	99
26) 2,2-Dichloropropane	4.471	77	25228	26.239	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	22747	18.462	ug/l	92
28) Bromochloromethane	4.891	49	21930	22.446	ug/l	98
29) Tetrahydrofuran	5.001	42	54920	89.537	ug/l	98
30) Chloroform	5.087	83	40069	19.674	ug/l	97
31) Cyclohexane	5.458	56	33540	18.850	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	33327	20.260	ug/l	97
36) 1,1-Dichloropropene	5.690	75	25076	19.247	ug/l	99
37) Ethyl Acetate	4.721	43	32412	19.307	ug/l	100
38) Carbon Tetrachloride	5.666	117	27864	21.066	ug/l	92
39) Methylcyclohexane	7.379	83	32730	20.966	ug/l	98
40) Benzene	6.031	78	78266	19.024	ug/l	96

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41) Methacrylonitrile	4.916	41	17604	19.393	ug/l	95
42) 1,2-Dichloroethane	6.086	62	33505	22.616	ug/l	95
43) Isopropyl Acetate	6.342	43	49954	20.123	ug/l	99
44) Trichloroethene	7.123	130	18534	19.186	ug/l	95
45) 1,2-Dichloropropane	7.428	63	20266	19.159	ug/l	92
46) Dibromomethane	7.580	93	15542	20.788	ug/l	95
47) Bromodichloromethane	7.818	83	30366	20.707	ug/l	98
48) Methyl methacrylate	7.696	41	26117	20.971	ug/l	93
49) 1,4-Dioxane	7.659	88	10027	381.681	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	177378	106.417	ug/l	97
52) Toluene	8.714	92	48796	20.216	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	24947	20.349	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	29202	20.427	ug/l #	90
55) 1,1,2-Trichloroethane	9.147	97	19837	19.963	ug/l	98
56) Ethyl methacrylate	9.116	69	31122	20.604	ug/l	93
57) 1,3-Dichloropropane	9.305	76	35270	20.510	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	87581	118.863	ug/l	98
59) 2-Hexanone	9.427	43	137034	113.469	ug/l	98
60) Dibromochloromethane	9.519	129	21492	20.685	ug/l	99
61) 1,2-Dibromoethane	9.610	107	19951	20.112	ug/l	99
64) Tetrachloroethene	9.269	164	17677	21.431	ug/l	99
65) Chlorobenzene	10.080	112	52709	19.342	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	17334	19.100	ug/l	99
67) Ethyl Benzene	10.189	91	92607	19.503	ug/l	100
68) m/p-Xylenes	10.299	106	68134	39.196	ug/l	95
69) o-Xylene	10.640	106	33709	19.227	ug/l	95
70) Styrene	10.653	104	56671	19.977	ug/l	96
71) Bromoform	10.799	173	13214	19.308	ug/l #	100
73) Isopropylbenzene	10.957	105	89691	18.701	ug/l	98
74) N-amyl acetate	10.842	43	43958	19.533	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	32966	18.731	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	28174m	19.700	ug/l	
77) Bromobenzene	11.195	156	21257	18.785	ug/l	97
78) n-propylbenzene	11.299	91	103554	19.113	ug/l	98
79) 2-Chlorotoluene	11.360	91	64395	18.663	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	75884	19.568	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7487	17.915	ug/l #	82
82) 4-Chlorotoluene	11.451	91	72919	19.391	ug/l	98
83) tert-Butylbenzene	11.713	119	74197	18.621	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	75093	19.245	ug/l	99
85) sec-Butylbenzene	11.890	105	93285	19.544	ug/l	99
86) p-Isopropyltoluene	12.006	119	75158	19.485	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	38573	19.108	ug/l	97
88) 1,4-Dichlorobenzene	12.036	146	37729	18.473	ug/l	98
89) n-Butylbenzene	12.329	91	63725	19.182	ug/l	99
90) Hexachloroethane	12.536	117	12970	18.590	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	38422	18.973	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6678	19.476	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	21247	18.426	ug/l	99
94) Hexachlorobutadiene	13.725	225	9106	19.262	ug/l	99
95) Naphthalene	13.774	128	79432	17.929	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	22045	18.122	ug/l	98

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

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