

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040325\
 Data File : VX045567.D
 Acq On : 03 Apr 2025 13:41
 Operator : JC/MD
 Sample : VX0403WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/04/2025
 Supervised By :Mahesh Dadoda 04/04/2025

Quant Time: Apr 04 01:21:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	95765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	168463	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	148868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88225	50.377	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.760%			
35) Dibromofluoromethane	5.385	113	60228	50.390	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.780%			
50) Toluene-d8	8.646	98	210903	50.553	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.100%			
62) 4-Bromofluorobenzene	11.079	95	77889	51.256	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29190	20.382	ug/l	99
3) Chloromethane	1.306	50	27430	18.643	ug/l	97
4) Vinyl Chloride	1.373	62	25213	18.725	ug/l	97
5) Bromomethane	1.593	94	11593	18.158	ug/l	95
6) Chloroethane	1.666	64	14409	20.170	ug/l	93
7) Trichlorofluoromethane	1.873	101	38805	19.326	ug/l	99
8) Diethyl Ether	2.129	74	12626	18.730	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.318	101	22440	19.072	ug/l	99
10) Methyl Iodide	2.446	142	26968	18.376	ug/l	99
11) Tert butyl alcohol	2.977	59	20479	87.012	ug/l	99
12) 1,1-Dichloroethene	2.312	96	21323	18.547	ug/l	97
13) Acrolein	2.233	56	29793	91.923	ug/l	98
14) Allyl chloride	2.660	41	40506	18.569	ug/l	99
15) Acrylonitrile	3.062	53	68809	92.617	ug/l	100
16) Acetone	2.385	43	65312	90.821	ug/l	97
17) Carbon Disulfide	2.501	76	49703	17.504	ug/l	98
18) Methyl Acetate	2.702	43	31005	18.726	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	73555	18.290	ug/l	99
20) Methylene Chloride	2.782	84	25457	18.909	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	21802	18.562	ug/l	98
22) Diisopropyl ether	3.763	45	79223	18.437	ug/l	94
23) Vinyl Acetate	3.721	43	343277	92.465	ug/l	99
24) 1,1-Dichloroethane	3.605	63	44573	18.342	ug/l	98
25) 2-Butanone	4.562	43	98811	93.868	ug/l	99
26) 2,2-Dichloropropane	4.477	77	30613	19.498	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	26344	18.410	ug/l	98
28) Bromochloromethane	4.897	49	23067	19.643	ug/l	100
29) Tetrahydrofuran	5.007	42	62487	91.560	ug/l	100
30) Chloroform	5.092	83	46139	18.452	ug/l	92
31) Cyclohexane	5.464	56	41047	19.107	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	38728	18.304	ug/l	98
36) 1,1-Dichloropropene	5.690	75	29662	18.380	ug/l	99
37) Ethyl Acetate	4.714	43	36810	18.100	ug/l	98
38) Carbon Tetrachloride	5.671	117	33340	19.115	ug/l	98
39) Methylcyclohexane	7.372	83	38573	19.499	ug/l	98
40) Benzene	6.031	78	92464	18.760	ug/l	95

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41) Methacrylonitrile	4.915	41	21152	19.712	ug/l	98
42) 1,2-Dichloroethane	6.080	62	39605	19.455	ug/l	98
43) Isopropyl Acetate	6.342	43	56114	18.205	ug/l	100
44) Trichloroethene	7.122	130	21899	18.693	ug/l	98
45) 1,2-Dichloropropane	7.427	63	23825	19.374	ug/l	97
46) Dibromomethane	7.580	93	17913	18.975	ug/l	98
47) Bromodichloromethane	7.817	83	35779	18.978	ug/l	96
48) Methyl methacrylate	7.695	41	30681	19.278	ug/l	98
49) 1,4-Dioxane	7.665	88	11241	390.386	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	196916	96.367	ug/l	99
52) Toluene	8.714	92	56808	19.048	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	28343	17.207	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	33501	18.910	ug/l	95
55) 1,1,2-Trichloroethane	9.152	97	23397	19.687	ug/l	96
56) Ethyl methacrylate	9.116	69	34794	18.917	ug/l	100
57) 1,3-Dichloropropane	9.305	76	39920	19.289	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	87408	93.943	ug/l	100
59) 2-Hexanone	9.427	43	141504	93.514	ug/l	99
60) Dibromochloromethane	9.518	129	24770	19.118	ug/l	98
61) 1,2-Dibromoethane	9.610	107	23301	19.368	ug/l	99
64) Tetrachloroethene	9.274	164	19952	18.983	ug/l	95
65) Chlorobenzene	10.079	112	61111	19.211	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	20538	18.596	ug/l	98
67) Ethyl Benzene	10.189	91	109936	19.296	ug/l	99
68) m/p-Xylenes	10.299	106	80523	38.859	ug/l	99
69) o-Xylene	10.640	106	39647	19.423	ug/l	99
70) Styrene	10.652	104	64729	19.212	ug/l	98
71) Bromoform	10.799	173	14941	18.119	ug/l #	99
73) Isopropylbenzene	10.963	105	104959	19.729	ug/l	99
74) N-amyl acetate	10.841	43	47245	18.565	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	34084	18.238	ug/l	98
76) 1,2,3-Trichloropropane	11.237	75	32342m	19.963	ug/l	
77) Bromobenzene	11.195	156	23834	19.390	ug/l	97
78) n-propylbenzene	11.305	91	122226	19.946	ug/l	99
79) 2-Chlorotoluene	11.359	91	76219	19.456	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	88007	20.005	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7948	16.650	ug/l	93
82) 4-Chlorotoluene	11.451	91	84989	19.458	ug/l	99
83) tert-Butylbenzene	11.713	119	85455	19.621	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	87061	19.717	ug/l	98
85) sec-Butylbenzene	11.890	105	106293	19.870	ug/l	99
86) p-Isopropyltoluene	12.006	119	85865	19.469	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	41915	18.733	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	41397	18.249	ug/l	96
89) n-Butylbenzene	12.329	91	74111	19.378	ug/l	97
90) Hexachloroethane	12.536	117	14058	18.548	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	41712	18.750	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7098	18.161	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	21979	17.750	ug/l	99
94) Hexachlorobutadiene	13.725	225	9895	18.544	ug/l	97
95) Naphthalene	13.774	128	81688	17.727	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	23690	18.270	ug/l	98

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

