

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
 Data File : VX044838.D
 Acq On : 05 Feb 2025 13:08
 Operator : JC/MD
 Sample : VX0205WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBS02

Quant Time: Feb 06 04:37:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025
 Supervised By :Semsettin Yesilyurt 02/06/2025

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	125997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	229924	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	199881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88928	46.759	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.520%		
35) Dibromofluoromethane	5.379	113	73630	50.408	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.820%		
50) Toluene-d8	8.646	98	273690	53.738	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.480%		
62) 4-Bromofluorobenzene	11.079	95	91640	48.266	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31535	18.599	ug/l	98
3) Chloromethane	1.300	50	36866	20.107	ug/l	97
4) Vinyl Chloride	1.373	62	36193	19.979	ug/l	99
5) Bromomethane	1.593	94	11034	25.508	ug/l	93
6) Chloroethane	1.666	64	18881	56.836	ug/l	92
7) Trichlorofluoromethane	1.873	101	49188	24.567	ug/l	98
8) Diethyl Ether	2.129	74	18156	22.470	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.318	101	31509	20.935	ug/l	98
10) Methyl Iodide	2.446	142	41766	20.325	ug/l	98
11) Tert butyl alcohol	2.971	59	38373	90.507	ug/l #	86
12) 1,1-Dichloroethene	2.312	96	31583	21.408	ug/l	96
13) Acrolein	2.239	56	17441	87.415	ug/l	97
14) Allyl chloride	2.660	41	56040	19.510	ug/l	97
15) Acrylonitrile	3.062	53	95822	115.229	ug/l	99
16) Acetone	2.379	43	76043	101.062	ug/l	98
17) Carbon Disulfide	2.501	76	76587	19.025	ug/l	97
18) Methyl Acetate	2.702	43	55337	23.838	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	104819	19.616	ug/l	96
20) Methylene Chloride	2.782	84	35898	20.487	ug/l	92
21) trans-1,2-Dichloroethene	3.086	96	29899	19.411	ug/l	96
22) Diisopropyl ether	3.757	45	113444	22.720	ug/l	92
23) Vinyl Acetate	3.714	43	453164	103.692	ug/l	97
24) 1,1-Dichloroethane	3.605	63	60633	20.477	ug/l	99
25) 2-Butanone	4.556	43	128600	114.950	ug/l	99
26) 2,2-Dichloropropane	4.464	77	50918	17.743	ug/l	96
27) cis-1,2-Dichloroethene	4.476	96	38592	19.919	ug/l	97
28) Bromochloromethane	4.891	49	28052	20.274	ug/l	93
29) Tetrahydrofuran	5.001	42	84491	117.085	ug/l	95
30) Chloroform	5.086	83	60759	20.333	ug/l	100
31) Cyclohexane	5.464	56	55233	23.064	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	51220	18.645	ug/l	98
36) 1,1-Dichloropropene	5.690	75	41510	20.415	ug/l	99
37) Ethyl Acetate	4.714	43	49471	22.847	ug/l	97
38) Carbon Tetrachloride	5.665	117	42395	18.537	ug/l	95
39) Methylcyclohexane	7.372	83	55066	20.401	ug/l	97
40) Benzene	6.031	78	134592	21.362	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	27898	22.111	ug/l	97
42) 1,2-Dichloroethane	6.086	62	43971	19.121	ug/l	100
43) Isopropyl Acetate	6.336	43	81588	20.482	ug/l	98
44) Trichloroethene	7.122	130	30540	20.162	ug/l	96
45) 1,2-Dichloropropane	7.427	63	34387	21.682	ug/l	97
46) Dibromomethane	7.580	93	23773	19.690	ug/l	99
47) Bromodichloromethane	7.817	83	46443	18.757	ug/l	98
48) Methyl methacrylate	7.689	41	37897	20.496	ug/l	98
49) 1,4-Dioxane	7.659	88	16780	434.980	ug/l	100
51) 4-Methyl-2-Pentanone	8.573	43	257448	116.953	ug/l	97
52) Toluene	8.713	92	82131	21.297	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	46362	18.124	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	53174	19.170	ug/l	96
55) 1,1,2-Trichloroethane	9.146	97	32265	20.679	ug/l	95
56) Ethyl methacrylate	9.116	69	53782	20.047	ug/l	99
57) 1,3-Dichloropropane	9.305	76	57291	21.563	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	123013	93.399	ug/l	97
59) 2-Hexanone	9.427	43	186415	115.107	ug/l	100
60) Dibromochloromethane	9.518	129	33769	18.440	ug/l	99
61) 1,2-Dibromoethane	9.604	107	33291	20.360	ug/l	98
64) Tetrachloroethene	9.268	164	25778	20.538	ug/l	99
65) Chlorobenzene	10.079	112	87932	20.712	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	28713	18.609	ug/l	98
67) Ethyl Benzene	10.189	91	155716	21.020	ug/l	98
68) m/p-Xylenes	10.299	106	116974	42.551	ug/l	96
69) o-Xylene	10.640	106	57442	20.662	ug/l	99
70) Styrene	10.652	104	93680	20.871	ug/l	97
71) Bromoform	10.798	173	21406	17.046	ug/l #	99
73) Isopropylbenzene	10.963	105	144536	20.338	ug/l	99
74) N-amyl acetate	10.841	43	66653	19.028	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	50659	20.640	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	39974m	18.935	ug/l	
77) Bromobenzene	11.195	156	32794	19.743	ug/l	95
78) n-propylbenzene	11.305	91	166010	21.182	ug/l	100
79) 2-Chlorotoluene	11.359	91	102145	20.176	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	119174	20.600	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	15254	16.523	ug/l	94
82) 4-Chlorotoluene	11.451	91	112278	20.245	ug/l	97
83) tert-Butylbenzene	11.713	119	121056	20.012	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	119690	20.359	ug/l	100
85) sec-Butylbenzene	11.890	105	150106	21.312	ug/l	98
86) p-Isopropyltoluene	12.006	119	120593	20.834	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	60102	20.864	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	58641	20.137	ug/l	99
89) n-Butylbenzene	12.329	91	103928	20.905	ug/l	98
90) Hexachloroethane	12.536	117	22365	17.063	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	60487	20.446	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	9360	15.593	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	33825	19.126	ug/l	99
94) Hexachlorobutadiene	13.725	225	13110	18.872	ug/l	98
95) Naphthalene	13.774	128	130772	19.172	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	34690	18.923	ug/l	99

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

