

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044571.D
 Acq On : 31 Dec 2024 11:12
 Operator : JC/MD
 Sample : VX1231WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS02

Quant Time: Jan 01 01:37:19 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

Manual Integrations APPROVED

Reviewed By : John Carlone 01/02/2025
 Supervised By : Mahesh Dadoda 01/02/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	157790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	262850	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	220076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	100083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	119228	43.096	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.200%		
35) Dibromofluoromethane	5.385	113	93532	51.378	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.760%		
50) Toluene-d8	8.647	98	303964	49.491	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.980%		
62) 4-Bromofluorobenzene	11.079	95	100980	47.053	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.100%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	38360	15.722	ug/l	91
3) Chloromethane	1.294	50	38210	16.377	ug/l	98
4) Vinyl Chloride	1.374	62	38613	15.886	ug/l	96
5) Bromomethane	1.593	94	27322	15.844	ug/l	98
6) Chloroethane	1.666	64	26754	17.676	ug/l	96
7) Trichlorofluoromethane	1.867	101	69104	14.522	ug/l	99
8) Diethyl Ether	2.136	74	26975	16.607	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	32992	17.134	ug/l	92
10) Methyl Iodide	2.440	142	46691	18.398	ug/l	94
11) Tert butyl alcohol	2.989	59	30147	77.318	ug/l	99
12) 1,1-Dichloroethene	2.306	96	31773	17.965	ug/l	93
13) Acrolein	2.239	56	53128	94.130	ug/l	97
14) Allyl chloride	2.660	41	48299	16.395	ug/l	97
15) Acrylonitrile	3.068	53	88739	82.161	ug/l	98
16) Acetone	2.386	43	80007	70.935	ug/l	93
17) Carbon Disulfide	2.501	76	57765	17.182	ug/l	100
18) Methyl Acetate	2.703	43	46505	15.991	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	110264	15.976	ug/l	98
20) Methylene Chloride	2.782	84	36472	17.216	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	32540	17.311	ug/l	93
22) Diisopropyl ether	3.763	45	104481	15.750	ug/l	95
23) Vinyl Acetate	3.721	43	454330	84.242	ug/l	98
24) 1,1-Dichloroethane	3.605	63	63004	17.039	ug/l	99
25) 2-Butanone	4.562	43	122309	76.278	ug/l	100
26) 2,2-Dichloropropane	4.471	77	50785	16.906	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	41301	17.301	ug/l	93
28) Bromochloromethane	4.897	49	31147	17.178	ug/l	94
29) Tetrahydrofuran	5.007	42	79881	77.614	ug/l	99
30) Chloroform	5.086	83	68529	16.495	ug/l	98
31) Cyclohexane	5.458	56	49263	16.498	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	57172	16.578	ug/l	97
36) 1,1-Dichloropropene	5.690	75	42990	18.269	ug/l	98
37) Ethyl Acetate	4.714	43	49505	17.019	ug/l	97
38) Carbon Tetrachloride	5.665	117	46703	18.434	ug/l	97
39) Methylcyclohexane	7.373	83	54140	19.245	ug/l	95
40) Benzene	6.031	78	135026	18.899	ug/l	98

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41) Methacrylonitrile	4.922	41	25668	16.618	ug/l	94
42) 1,2-Dichloroethane	6.080	62	52618	17.878	ug/l	98
43) Isopropyl Acetate	6.342	43	75184	16.537	ug/l	96
44) Trichloroethene	7.123	130	34047	19.109	ug/l	94
45) 1,2-Dichloropropane	7.427	63	31386	17.194	ug/l	97
46) Dibromomethane	7.580	93	26852	18.962	ug/l	95
47) Bromodichloromethane	7.818	83	45988	18.804	ug/l	99
48) Methyl methacrylate	7.690	41	36713	16.635	ug/l	96
49) 1,4-Dioxane	7.665	88	10573	288.949	ug/l #	67
51) 4-Methyl-2-Pentanone	8.574	43	247908	84.804	ug/l	98
52) Toluene	8.714	92	83762	18.669	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	43434	17.763	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	49307	18.516	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	34200	19.187	ug/l	98
56) Ethyl methacrylate	9.116	69	49494	17.589	ug/l	98
57) 1,3-Dichloropropane	9.305	76	57637	18.578	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.238	63	105524	74.352	ug/l	97
59) 2-Hexanone	9.433	43	179685	84.919	ug/l	98
60) Dibromochloromethane	9.518	129	32332	18.428	ug/l	100
61) 1,2-Dibromoethane	9.610	107	35197	19.399	ug/l	96
64) Tetrachloroethene	9.269	164	31847	21.803	ug/l	94
65) Chlorobenzene	10.079	112	91033	19.304	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	31287	20.644	ug/l	98
67) Ethyl Benzene	10.189	91	154680	18.984	ug/l	98
68) m/p-Xylenes	10.299	106	117612	39.337	ug/l	95
69) o-Xylene	10.640	106	58437	19.317	ug/l	94
70) Styrene	10.652	104	94475	19.481	ug/l	96
71) Bromoform	10.799	173	19902	20.788	ug/l #	97
73) Isopropylbenzene	10.963	105	147179	19.210	ug/l	100
74) N-amyl acetate	10.841	43	61031	17.236	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	50455	18.960	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	41254m	18.461	ug/l	
77) Bromobenzene	11.195	156	37903	20.401	ug/l	91
78) n-propylbenzene	11.305	91	161531	19.075	ug/l	97
79) 2-Chlorotoluene	11.360	91	101236	18.485	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	124209	19.549	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11717	18.927	ug/l	94
82) 4-Chlorotoluene	11.451	91	112294	18.516	ug/l	97
83) tert-Butylbenzene	11.713	119	122030	19.434	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	124140	19.894	ug/l	100
85) sec-Butylbenzene	11.890	105	146216	19.181	ug/l	98
86) p-Isopropyltoluene	12.006	119	125017	19.704	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	64797	19.966	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	64153	19.230	ug/l	99
89) n-Butylbenzene	12.329	91	97910	18.352	ug/l	99
90) Hexachloroethane	12.536	117	17323	18.704	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	66845	19.837	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8588	16.624	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	37288	20.183	ug/l	99
94) Hexachlorobutadiene	13.725	225	16792	22.597	ug/l	98
95) Naphthalene	13.774	128	131034	18.171	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	39293	20.053	ug/l	98

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

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