

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044090.D
 Acq On : 03 Dec 2024 14:10
 Operator : JC/MD
 Sample : VX1203WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBS02

Quant Time: Dec 03 23:44:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/04/2024
 Supervised By : Mahesh Dadoda 12/04/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	120947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	226634	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	189291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	83564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	112370	54.169	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	108.340%		
35) Dibromofluoromethane	5.379	113	79316	48.978	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.960%		
50) Toluene-d8	8.647	98	277008	49.623	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.240%		
62) 4-Bromofluorobenzene	11.079	95	94232	49.601	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22159	14.462	ug/l	99
3) Chloromethane	1.294	50	23666	14.678	ug/l	98
4) Vinyl Chloride	1.374	62	25291	14.747	ug/l	96
5) Bromomethane	1.599	94	18523	17.557	ug/l	93
6) Chloroethane	1.666	64	18665	17.861	ug/l	91
7) Trichlorofluoromethane	1.874	101	45638	14.885	ug/l	97
8) Diethyl Ether	2.136	74	17739	15.873	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	23345	15.962	ug/l	97
10) Methyl Iodide	2.447	142	29523	16.163	ug/l	98
11) Tert butyl alcohol	2.995	59	22621	67.938	ug/l	99
12) 1,1-Dichloroethene	2.313	96	20815	14.935	ug/l	97
13) Acrolein	2.233	56	28553	81.357	ug/l	96
14) Allyl chloride	2.654	41	37210	16.340	ug/l	95
15) Acrylonitrile	3.062	53	65020	80.131	ug/l	97
16) Acetone	2.386	43	59854	62.821	ug/l	99
17) Carbon Disulfide	2.502	76	32023	11.139	ug/l	97
18) Methyl Acetate	2.703	43	38396	17.305	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	89028	17.593	ug/l	96
20) Methylene Chloride	2.788	84	26302	16.267	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	20960	14.567	ug/l	93
22) Diisopropyl ether	3.757	45	85821	17.624	ug/l #	86
23) Vinyl Acetate	3.715	43	345177	82.865	ug/l	99
24) 1,1-Dichloroethane	3.599	63	46671	16.614	ug/l	96
25) 2-Butanone	4.556	43	96496	78.492	ug/l	95
26) 2,2-Dichloropropane	4.471	77	40977	16.152	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	29496	16.584	ug/l	99
28) Bromochloromethane	4.891	49	24487	19.803	ug/l	99
29) Tetrahydrofuran	5.007	42	61172	81.164	ug/l	99
30) Chloroform	5.093	83	53012	17.546	ug/l	93
31) Cyclohexane	5.464	56	34592	14.962	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	44344	17.020	ug/l	100
36) 1,1-Dichloropropene	5.684	75	32720	16.214	ug/l	94
37) Ethyl Acetate	4.715	43	39582	15.801	ug/l	99
38) Carbon Tetrachloride	5.666	117	32933	14.524	ug/l	98
39) Methylcyclohexane	7.373	83	37300	14.228	ug/l	96
40) Benzene	6.031	78	100487	15.986	ug/l	98

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41) Methacrylonitrile	4.922	41	19899	15.521	ug/l #	94
42) 1,2-Dichloroethane	6.080	62	42557	16.857	ug/l	100
43) Isopropyl Acetate	6.342	43	63733	15.987	ug/l	98
44) Trichloroethene	7.123	130	24181	13.589	ug/l	92
45) 1,2-Dichloropropane	7.421	63	25999	16.887	ug/l	95
46) Dibromomethane	7.580	93	20094	16.500	ug/l	94
47) Bromodichloromethane	7.818	83	34346	15.725	ug/l	98
48) Methyl methacrylate	7.696	41	30532	15.961	ug/l	96
49) 1,4-Dioxane	7.665	88	7695	225.829	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	199405	81.966	ug/l	96
52) Toluene	8.714	92	62118	16.511	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	34080	15.301	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	37438	15.332	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	25723	16.563	ug/l	94
56) Ethyl methacrylate	9.116	69	39348	16.266	ug/l	95
57) 1,3-Dichloropropane	9.305	76	44831	17.136	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	102992	77.071	ug/l	98
59) 2-Hexanone	9.433	43	145951	79.818	ug/l	99
60) Dibromochloromethane	9.519	129	22911	14.703	ug/l	98
61) 1,2-Dibromoethane	9.604	107	25844	16.457	ug/l	100
64) Tetrachloroethene	9.269	164	20553	16.467	ug/l	92
65) Chlorobenzene	10.079	112	68469	16.469	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	22166	16.440	ug/l	96
67) Ethyl Benzene	10.189	91	119139	16.912	ug/l	100
68) m/p-Xylenes	10.299	106	86392	32.885	ug/l	97
69) o-Xylene	10.640	106	43885	17.109	ug/l	97
70) Styrene	10.653	104	70205	16.548	ug/l	97
71) Bromoform	10.799	173	12552	13.661	ug/l #	98
73) Isopropylbenzene	10.957	105	113540	17.676	ug/l	99
74) N-amyl acetate	10.842	43	49215	16.539	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	38353	17.437	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	31432m	17.152	ug/l	
77) Bromobenzene	11.195	156	25456	16.613	ug/l	93
78) n-propylbenzene	11.305	91	125258	17.460	ug/l	99
79) 2-Chlorotoluene	11.360	91	79491	17.523	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	95187	18.012	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8400	12.508	ug/l #	74
82) 4-Chlorotoluene	11.451	91	91415	17.849	ug/l	98
83) tert-Butylbenzene	11.713	119	92403	17.641	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	96261	18.296	ug/l	98
85) sec-Butylbenzene	11.890	105	111837	17.426	ug/l	100
86) p-Isopropyltoluene	12.006	119	93042	17.848	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	45156	16.180	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	47033	16.530	ug/l	96
89) n-Butylbenzene	12.329	91	79651	17.330	ug/l	99
90) Hexachloroethane	12.536	117	12728	14.359	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	48479	17.213	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6441	14.615	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	26157	15.753	ug/l	96
94) Hexachlorobutadiene	13.719	225	10210	15.558	ug/l	98
95) Naphthalene	13.774	128	118511	19.827	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	26611	15.834	ug/l	98

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

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