

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100924\
 Data File : VX043329.D
 Acq On : 09 Oct 2024 11:14
 Operator : JC/MD
 Sample : VX1009WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/10/2024
 Supervised By :Mahesh Dadoda 10/10/2024

Quant Time: Oct 10 01:27:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	103748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	180438	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84953	50.139	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.280%			
35) Dibromofluoromethane	5.385	113	61224	49.201	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.400%			
50) Toluene-d8	8.647	98	207073	48.019	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.040%			
62) 4-Bromofluorobenzene	11.079	95	75958	48.485	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20997	17.399	ug/l	100
3) Chloromethane	1.300	50	21339	17.169	ug/l	97
4) Vinyl Chloride	1.374	62	22461	18.042	ug/l	97
5) Bromomethane	1.599	94	9249	18.185	ug/l	97
6) Chloroethane	1.666	64	8430	18.184	ug/l	97
7) Trichlorofluoromethane	1.867	101	34069	18.316	ug/l	98
8) Diethyl Ether	2.136	74	13773	19.027	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	21797	18.778	ug/l	99
10) Methyl Iodide	2.447	142	24115	16.540	ug/l	98
11) Tert butyl alcohol	2.995	59	32809m	101.756	ug/l	
12) 1,1-Dichloroethene	2.312	96	20215	17.537	ug/l	95
13) Acrolein	2.239	56	25444	83.551	ug/l	99
14) Allyl chloride	2.660	41	35530	18.762	ug/l	98
15) Acrylonitrile	3.068	53	65286	99.162	ug/l	100
16) Acetone	2.392	43	69952	98.861	ug/l	98
17) Carbon Disulfide	2.501	76	39250	13.999	ug/l	99
18) Methyl Acetate	2.709	43	41037	23.119	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	82089	19.906	ug/l	100
20) Methylene Chloride	2.788	84	24617	18.869	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	21422	18.673	ug/l	99
22) Diisopropyl ether	3.763	45	77928	20.459	ug/l	92
23) Vinyl Acetate	3.721	43	446840	108.755	ug/l	99
24) 1,1-Dichloroethane	3.605	63	44147	19.895	ug/l	100
25) 2-Butanone	4.568	43	99750	102.815	ug/l	99
26) 2,2-Dichloropropane	4.471	77	41775	19.786	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	28590	19.983	ug/l	98
28) Bromochloromethane	4.903	49	38501	43.979	ug/l	98
29) Tetrahydrofuran	5.019	42	61346	99.257	ug/l	99
30) Chloroform	5.086	83	48211	19.784	ug/l	97
31) Cyclohexane	5.464	56	33094	18.101	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	43422	19.400	ug/l	98
36) 1,1-Dichloropropene	5.690	75	29105	18.514	ug/l	99
37) Ethyl Acetate	4.721	43	38172	20.220	ug/l	99
38) Carbon Tetrachloride	5.672	117	35724	19.196	ug/l	94
39) Methylcyclohexane	7.373	83	35280	17.844	ug/l	97
40) Benzene	6.037	78	92016	19.306	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	20782	21.148	ug/l	98
42) 1,2-Dichloroethane	6.086	62	39138	20.151	ug/l	100
43) Isopropyl Acetate	6.342	43	61490	19.720	ug/l	99
44) Trichloroethene	7.123	130	23623	18.686	ug/l	96
45) 1,2-Dichloropropane	7.427	63	22810	19.501	ug/l	96
46) Dibromomethane	7.580	93	18686	19.936	ug/l	98
47) Bromodichloromethane	7.818	83	35220	19.113	ug/l	96
48) Methyl methacrylate	7.696	41	29610	19.353	ug/l	98
49) 1,4-Dioxane	7.665	88	12136	408.062	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	191446	101.090	ug/l	99
52) Toluene	8.720	92	56890	19.045	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	35567	19.424	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	38152	19.426	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	23986	20.205	ug/l	96
56) Ethyl methacrylate	9.116	69	38542	19.858	ug/l	99
57) 1,3-Dichloropropane	9.305	76	40781	20.169	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	77296	88.352	ug/l	99
59) 2-Hexanone	9.433	43	147435	102.948	ug/l	99
60) Dibromochloromethane	9.518	129	25660	18.632	ug/l	99
61) 1,2-Dibromoethane	9.610	107	24912	19.531	ug/l	100
64) Tetrachloroethene	9.275	164	20151	19.017	ug/l	95
65) Chlorobenzene	10.079	112	63111	19.223	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	22898	19.724	ug/l	99
67) Ethyl Benzene	10.195	91	110421	19.459	ug/l	97
68) m/p-Xylenes	10.299	106	81826	38.156	ug/l	99
69) o-Xylene	10.640	106	41233	19.349	ug/l	99
70) Styrene	10.652	104	68147	19.732	ug/l	99
71) Bromoform	10.799	173	16144	18.154	ug/l #	100
73) Isopropylbenzene	10.963	105	107298	19.861	ug/l	100
74) N-amyl acetate	10.841	43	50074	19.525	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	35925	20.412	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	30772m	19.965	ug/l	
77) Bromobenzene	11.195	156	25687	19.538	ug/l	99
78) n-propylbenzene	11.305	91	117802	19.863	ug/l	99
79) 2-Chlorotoluene	11.366	91	75468	19.793	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	89060	19.984	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	10472	17.608	ug/l	91
82) 4-Chlorotoluene	11.451	91	85223	19.621	ug/l	99
83) tert-Butylbenzene	11.713	119	90065	19.616	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	89370	19.931	ug/l	99
85) sec-Butylbenzene	11.890	105	110203	20.248	ug/l	100
86) p-Isopropyltoluene	12.006	119	89895	19.796	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	45073	19.462	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	45509	19.060	ug/l	97
89) n-Butylbenzene	12.335	91	74452	19.584	ug/l	99
90) Hexachloroethane	12.536	117	15843	18.603	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	46136	19.479	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8398	19.544	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	25949	19.004	ug/l	99
94) Hexachlorobutadiene	13.725	225	10683	19.736	ug/l	98
95) Naphthalene	13.774	128	93700	18.667	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	26671	18.932	ug/l	98

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

