

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042807.D
 Acq On : 01 Aug 2024 20:04
 Operator : JC/MD
 Sample : P3396-17MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-CF05-01MS

Quant Time: Aug 02 03:18:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 16:40:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/03/2024
 Supervised By :Semsettin Yesilyurt 08/03/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	86404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	162678	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84561	60.916	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 121.840%#			
35) Dibromofluoromethane	5.385	113	58775	52.300	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.600%			
50) Toluene-d8	8.647	98	218358	53.531	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.060%			
62) 4-Bromofluorobenzene	11.079	95	80338	53.893	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.780%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	70088	51.187	ug/l	98
3) Chloromethane	1.301	50	58695	55.441	ug/l	95
4) Vinyl Chloride	1.374	62	54751	51.088	ug/l	95
5) Bromomethane	1.599	94	17138	46.412	ug/l	98
6) Chloroethane	1.666	64	20342	52.574	ug/l	90
7) Trichlorofluoromethane	1.874	101	78057	54.269	ug/l	99
8) Diethyl Ether	2.136	74	30477	55.611	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.319	101	53018	48.867	ug/l	97
10) Methyl Iodide	2.441	142	54211	52.205	ug/l	96
11) Tert butyl alcohol	2.995	59	69389	269.055	ug/l #	91
12) 1,1-Dichloroethene	2.313	96	51509	48.981	ug/l	84
13) Acrolein	2.239	56	51662	190.688	ug/l	94
14) Allyl chloride	2.660	41	71396	52.805	ug/l #	96
15) Acrylonitrile	3.069	53	162948	285.784	ug/l	99
16) Acetone	2.392	43	179512	356.131	ug/l	92
17) Carbon Disulfide	2.502	76	116815	49.239	ug/l	98
18) Methyl Acetate	2.709	43	91447	72.287	ug/l #	88
19) Methyl tert-butyl Ether	3.123	73	186028	53.358	ug/l	97
20) Methylene Chloride	2.788	84	81008	70.200	ug/l	87
21) trans-1,2-Dichloroethene	3.087	96	54726	50.435	ug/l	89
22) Diisopropyl ether	3.770	45	159126	54.902	ug/l #	76
23) Vinyl Acetate	3.727	43	262946	104.358	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	102164	54.264	ug/l	98
25) 2-Butanone	4.568	43	238301	321.769	ug/l	93
26) 2,2-Dichloropropane	4.477	77	66459	41.242	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	67130	52.923	ug/l	87
28) Bromochloromethane	4.904	49	37846	56.078	ug/l	86
29) Tetrahydrofuran	5.013	42	144222	312.640	ug/l	89
30) Chloroform	5.093	83	112635	53.803	ug/l	95
31) Cyclohexane	5.471	56	83644	54.687	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	100256	53.918	ug/l	99
36) 1,1-Dichloropropene	5.690	75	71505	49.064	ug/l	96
37) Ethyl Acetate	4.721	43	80021	53.789	ug/l	96
38) Carbon Tetrachloride	5.678	117	83867	49.934	ug/l	95
39) Methylcyclohexane	7.379	83	88583	48.505	ug/l	91
40) Benzene	6.037	78	231219	50.562	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	46244	58.781	ug/l	92
42) 1,2-Dichloroethane	6.086	62	89735	54.329	ug/l	98
43) Isopropyl Acetate	6.348	43	133973	57.575	ug/l	97
44) Trichloroethene	7.129	130	67241	56.166	ug/l	94
45) 1,2-Dichloropropane	7.428	63	56351	54.952	ug/l	97
46) Dibromomethane	7.580	93	44366	50.801	ug/l	99
47) Bromodichloromethane	7.824	83	85264	53.539	ug/l	98
48) Methyl methacrylate	7.696	41	65198	56.990	ug/l #	88
49) 1,4-Dioxane	7.665	88	30362	1056.241	ug/l #	88
51) 4-Methyl-2-Pentanone	8.580	43	469639	304.736	ug/l	96
52) Toluene	8.720	92	148261	49.971	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	80544	51.051	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	86991	51.905	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	60262	50.219	ug/l	98
56) Ethyl methacrylate	9.116	69	96960	55.790	ug/l	93
57) 1,3-Dichloropropane	9.311	76	101247	53.464	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	238325	297.739	ug/l	96
59) 2-Hexanone	9.433	43	368115	308.015	ug/l	94
60) Dibromochloromethane	9.525	129	64435	53.012	ug/l	98
61) 1,2-Dibromoethane	9.610	107	62522	52.511	ug/l	99
64) Tetrachloroethene	9.275	164	80972	82.323	ug/l	97
65) Chlorobenzene	10.079	112	163136	50.885	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	56016	52.302	ug/l	98
67) Ethyl Benzene	10.195	91	280689	52.074	ug/l	99
68) m/p-Xylenes	10.299	106	218308	106.014	ug/l	99
69) o-Xylene	10.640	106	107751	52.925	ug/l	99
70) Styrene	10.653	104	182410	53.014	ug/l	99
71) Bromoform	10.799	173	40373	50.455	ug/l #	100
73) Isopropylbenzene	10.963	105	278876	56.828	ug/l	100
74) N-amyl acetate	10.842	43	114816	60.865	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	72067	42.553	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	78792m	53.760	ug/l	
77) Bromobenzene	11.201	156	63129	51.944	ug/l	97
78) n-propylbenzene	11.305	91	317750	58.070	ug/l	99
79) 2-Chlorotoluene	11.366	91	199108	55.909	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	236206	56.174	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	26717	53.954	ug/l	94
82) 4-Chlorotoluene	11.457	91	226633	56.080	ug/l	100
83) tert-Butylbenzene	11.713	119	200945	47.952	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	236924	56.434	ug/l	98
85) sec-Butylbenzene	11.890	105	285692	55.685	ug/l	100
86) p-Isopropyltoluene	12.006	119	236698	54.724	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	115785	51.077	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	116142	51.005	ug/l	99
89) n-Butylbenzene	12.335	91	199256	56.298	ug/l	99
90) Hexachloroethane	12.536	117	40264	52.547	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	117895	52.583	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23242	61.676	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	65161	50.623	ug/l	97
94) Hexachlorobutadiene	13.725	225	26318	47.082	ug/l	98
95) Naphthalene	13.774	128	265563	54.066	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	67905	51.324	ug/l	98

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

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