

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051124\
 Data File : VX041475.D
 Acq On : 10 May 2024 21:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 11 01:42:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/13/2024
 Supervised By : Mahesh Dadoda 05/13/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	141412	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	200919	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107614	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88663	57.593	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.180%
35) Dibromofluoromethane	5.385	113	73201	53.762	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.520%
50) Toluene-d8	8.647	98	257506	59.753	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	119.500%#
62) 4-Bromofluorobenzene	11.079	95	98672	59.148	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	118.300%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	63685	54.807	ug/l	98
3) Chloromethane	1.300	50	60900	50.649	ug/l	97
4) Vinyl Chloride	1.374	62	64911	56.630	ug/l	100
5) Bromomethane	1.599	94	48971	68.151	ug/l	98
6) Chloroethane	1.666	64	39150	73.563	ug/l	95
7) Trichlorofluoromethane	1.867	101	122586	62.021	ug/l	97
8) Diethyl Ether	2.136	74	44251	63.519	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.319	101	65111	58.612	ug/l	88
10) Methyl Iodide	2.440	142	71567	59.858	ug/l	92
11) Tert butyl alcohol	3.014	59	91694	297.584	ug/l	# 93
12) 1,1-Dichloroethene	2.306	96	62395	56.939	ug/l	88
13) Acrolein	2.239	56	68349	279.610	ug/l	99
14) Allyl chloride	2.660	41	107448	58.362	ug/l	98
15) Acrylonitrile	3.068	53	211811	301.192	ug/l	97
16) Acetone	2.392	43	185832	274.502	ug/l	97
17) Carbon Disulfide	2.501	76	125467	48.707	ug/l	99
18) Methyl Acetate	2.709	43	98399	62.474	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	225075	56.343	ug/l	100
20) Methylene Chloride	2.788	84	72412	54.182	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	64009	52.267	ug/l	89
22) Diisopropyl ether	3.763	45	227744	58.368	ug/l	92
23) Vinyl Acetate	3.721	43	1035032	296.544	ug/l	96
24) 1,1-Dichloroethane	3.605	63	123147	55.866	ug/l	97
25) 2-Butanone	4.568	43	306881	307.995	ug/l	97
26) 2,2-Dichloropropane	4.471	77	91370	49.576	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	82864	57.148	ug/l	88
28) Bromochloromethane	4.897	49	42663	54.230	ug/l	# 79
29) Tetrahydrofuran	5.013	42	194684	298.764	ug/l	95
30) Chloroform	5.092	83	134752	58.758	ug/l	100
31) Cyclohexane	5.464	56	96637	52.011	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	118687	56.884	ug/l	98
36) 1,1-Dichloropropene	5.690	75	85556	52.549	ug/l	97
37) Ethyl Acetate	4.721	43	117937	58.055	ug/l	99
38) Carbon Tetrachloride	5.678	117	102354	54.877	ug/l	99
39) Methylcyclohexane	7.379	83	100897	52.751	ug/l	95
40) Benzene	6.037	78	271884	54.171	ug/l	100

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41) Methacrylonitrile	4.922	41	61822	59.129	ug/l	95
42) 1,2-Dichloroethane	6.086	62	103336	56.179	ug/l	95
43) Isopropyl Acetate	6.342	43	176950	57.933	ug/l	98
44) Trichloroethene	7.123	130	74689	56.355	ug/l	93
45) 1,2-Dichloropropane	7.427	63	67185	59.912	ug/l	99
46) Dibromomethane	7.580	93	51744	57.963	ug/l #	81
47) Bromodichloromethane	7.824	83	98954	62.204	ug/l	95
48) Methyl methacrylate	7.696	41	87067	62.184	ug/l	93
49) 1,4-Dioxane	7.671	88	43183	1426.497	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	617543	336.941	ug/l	100
52) Toluene	8.714	92	177899	57.943	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	96424	52.037	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	104622	59.823	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	74263	62.808	ug/l	97
56) Ethyl methacrylate	9.116	69	118891	64.971	ug/l	98
57) 1,3-Dichloropropane	9.311	76	119689	60.653	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	291224	328.221	ug/l	93
59) 2-Hexanone	9.433	43	486127	331.700	ug/l	99
60) Dibromochloromethane	9.518	129	86529	62.164	ug/l	98
61) 1,2-Dibromoethane	9.610	107	78432	60.295	ug/l	100
64) Tetrachloroethene	9.275	164	72518	53.902	ug/l	89
65) Chlorobenzene	10.079	112	208880	55.383	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	76844	57.663	ug/l	97
67) Ethyl Benzene	10.195	91	342911	55.108	ug/l	97
68) m/p-Xylenes	10.299	106	273174	109.627	ug/l	93
69) o-Xylene	10.640	106	136185	57.079	ug/l	94
70) Styrene	10.652	104	232720	59.442	ug/l	96
71) Bromoform	10.799	173	70479	59.095	ug/l #	99
73) Isopropylbenzene	10.963	105	351849	53.562	ug/l	97
74) N-amyl acetate	10.841	43	165794	57.770	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	125185	58.158	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	101517m	57.885	ug/l	
77) Bromobenzene	11.195	156	102699	55.393	ug/l	78
78) n-propylbenzene	11.305	91	389677	56.480	ug/l	96
79) 2-Chlorotoluene	11.366	91	242473	54.537	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	295316	55.148	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	35048	54.435	ug/l	97
82) 4-Chlorotoluene	11.451	91	278074	55.092	ug/l	93
83) tert-Butylbenzene	11.713	119	322074	56.165	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	303423	56.313	ug/l	94
85) sec-Butylbenzene	11.890	105	373339	56.810	ug/l	95
86) p-Isopropyltoluene	12.006	119	332424	56.323	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	184491	54.746	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	188792	54.376	ug/l	95
89) n-Butylbenzene	12.329	91	258987	54.571	ug/l	97
90) Hexachloroethane	12.536	117	55579	56.309	ug/l	62
91) 1,2-Dichlorobenzene	12.335	146	192513	54.085	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	28770	57.841	ug/l	62
93) 1,2,4-Trichlorobenzene	13.585	180	130824	52.581	ug/l	95
94) Hexachlorobutadiene	13.725	225	62660	50.432	ug/l	99
95) Naphthalene	13.774	128	404799	54.902	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	136939	53.853	ug/l	97

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

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