

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
 Data File : VX041340.D
 Acq On : 02 May 2024 08:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 03 01:48:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 05/03/2024
 Supervised By :Semsettin Yesilyurt 05/03/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	210846	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	296045	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	290025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153207	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	117476	51.180	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.360%
35) Dibromofluoromethane	5.379	113	96925	48.312	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.620%
50) Toluene-d8	8.647	98	341216	53.736	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.480%
62) 4-Bromofluorobenzene	11.079	95	128020	52.082	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.160%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	88913	51.320	ug/l	97
3) Chloromethane	1.301	50	78433	43.750	ug/l	97
4) Vinyl Chloride	1.374	62	84649	49.530	ug/l	96
5) Bromomethane	1.599	94	53310	49.758	ug/l	99
6) Chloroethane	1.666	64	44445	56.010	ug/l	98
7) Trichlorofluoromethane	1.861	101	157003	53.275	ug/l	99
8) Diethyl Ether	2.136	74	54827	52.783	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.313	101	84450	50.986	ug/l	# 86
10) Methyl Iodide	2.441	142	69971	39.251	ug/l	93
11) Tert butyl alcohol	3.020	59	101356m	220.617	ug/l	
12) 1,1-Dichloroethene	2.306	96	80506	49.273	ug/l	89
13) Acrolein	2.239	56	78249	214.694	ug/l	99
14) Allyl chloride	2.654	41	136248	49.634	ug/l	94
15) Acrylonitrile	3.068	53	244231	232.926	ug/l	100
16) Acetone	2.392	43	243200	240.454	ug/l	96
17) Carbon Disulfide	2.502	76	181797	47.333	ug/l	99
18) Methyl Acetate	2.709	43	114133	48.600	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	277513	46.593	ug/l	99
20) Methylene Chloride	2.782	84	87976	44.150	ug/l	94
21) trans-1,2-Dichloroethene	3.081	96	83309	45.625	ug/l	92
22) Diisopropyl ether	3.764	45	278595	47.888	ug/l	87
23) Vinyl Acetate	3.721	43	1303853	250.545	ug/l	96
24) 1,1-Dichloroethane	3.605	63	153725	46.772	ug/l	97
25) 2-Butanone	4.568	43	386501	260.163	ug/l	96
26) 2,2-Dichloropropane	4.471	77	135530	49.320	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	105528	48.811	ug/l	91
28) Bromochloromethane	4.897	49	56215	47.925	ug/l	# 77
29) Tetrahydrofuran	5.007	42	246671	253.885	ug/l	96
30) Chloroform	5.086	83	182958	53.506	ug/l	96
31) Cyclohexane	5.458	56	136603	49.310	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	157735	50.703	ug/l	98
36) 1,1-Dichloropropene	5.684	75	112437	46.869	ug/l	96
37) Ethyl Acetate	4.715	43	157926	52.760	ug/l	100
38) Carbon Tetrachloride	5.672	117	134416	48.911	ug/l	98
39) Methylcyclohexane	7.373	83	143923	51.067	ug/l	93
40) Benzene	6.031	78	359378	48.595	ug/l	99

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41) Methacrylonitrile	4.928	41	80444	52.217	ug/l	96
42) 1,2-Dichloroethane	6.080	62	138597	51.137	ug/l	97
43) Isopropyl Acetate	6.342	43	224163	49.809	ug/l	98
44) Trichloroethene	7.123	130	101205	51.825	ug/l	85
45) 1,2-Dichloropropane	7.427	63	82832	50.131	ug/l	99
46) Dibromomethane	7.580	93	65928	50.122	ug/l #	77
47) Bromodichloromethane	7.818	83	126041	53.773	ug/l	98
48) Methyl methacrylate	7.696	41	110101	53.367	ug/l	95
49) 1,4-Dioxane	7.665	88	40697	912.397	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	793020	293.653	ug/l	99
52) Toluene	8.714	92	232770	51.453	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	135725	58.442	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	149328	57.949	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	93259	53.530	ug/l	96
56) Ethyl methacrylate	9.116	69	151782	56.293	ug/l	98
57) 1,3-Dichloropropane	9.305	76	167247	57.521	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	357711	273.612	ug/l	92
59) 2-Hexanone	9.433	43	644213	298.324	ug/l	97
60) Dibromochloromethane	9.519	129	122788	59.868	ug/l	99
61) 1,2-Dibromoethane	9.610	107	108866	56.799	ug/l	100
64) Tetrachloroethene	9.269	164	110582	52.654	ug/l	91
65) Chlorobenzene	10.079	112	297164	50.473	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	106753	51.316	ug/l	98
67) Ethyl Benzene	10.189	91	486597	50.094	ug/l	99
68) m/p-Xylenes	10.299	106	379534	97.569	ug/l	94
69) o-Xylene	10.640	106	193424	51.932	ug/l	93
70) Styrene	10.653	104	326445	53.413	ug/l	96
71) Bromoform	10.799	173	101004	54.252	ug/l #	98
73) Isopropylbenzene	10.963	105	467503	49.989	ug/l	97
74) N-amyl acetate	10.842	43	227196	55.606	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	145996	47.642	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	120039m	48.077	ug/l	
77) Bromobenzene	11.195	156	126929	48.088	ug/l	78
78) n-propylbenzene	11.305	91	492030	50.093	ug/l	96
79) 2-Chlorotoluene	11.360	91	298122	47.099	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	378747	49.680	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	46713	50.962	ug/l	96
82) 4-Chlorotoluene	11.451	91	351772	48.953	ug/l	92
83) tert-Butylbenzene	11.713	119	419631	51.400	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	394781	51.464	ug/l	93
85) sec-Butylbenzene	11.890	105	490777	52.457	ug/l	95
86) p-Isopropyltoluene	12.006	119	436511	51.949	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	241222	50.279	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	246037	49.775	ug/l	95
89) n-Butylbenzene	12.329	91	351776	52.064	ug/l	98
90) Hexachloroethane	12.536	117	71505	50.886	ug/l #	58
91) 1,2-Dichlorobenzene	12.335	146	241258	47.609	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	35554	50.208	ug/l	60
93) 1,2,4-Trichlorobenzene	13.585	180	195749	55.262	ug/l	96
94) Hexachlorobutadiene	13.725	225	96456	54.530	ug/l	98
95) Naphthalene	13.774	128	576723	54.942	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	197209	54.475	ug/l	95

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

