

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032923\
 Data File : VX034839.D
 Acq On : 29 Mar 2023 19:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/01/2023
 Supervised By :Mahesh Dadoda 04/03/2023

Quant Time: Apr 01 02:01:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	266583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	459162	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	420578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	223287	54.767	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.540%			
35) Dibromofluoromethane	5.385	113	162076	53.367	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.740%			
50) Toluene-d8	8.647	98	606066	54.066	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.140%			
62) 4-Bromofluorobenzene	11.079	95	237689	54.794	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.580%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	131658	49.516	ug/l	100
3) Chloromethane	1.295	50	175846	52.822	ug/l	100
4) Vinyl Chloride	1.374	62	173128	52.523	ug/l	99
5) Bromomethane	1.612	94	117755	54.976	ug/l	97
6) Chloroethane	1.685	64	112934	52.660	ug/l	98
7) Trichlorofluoromethane	1.886	101	274626	51.825	ug/l	98
8) Diethyl Ether	2.130	74	104453	55.912	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	138891	50.147	ug/l	98
10) Methyl Iodide	2.453	142	185172	53.687	ug/l	95
11) Tert butyl alcohol	2.977	59	181779m	254.121	ug/l	
12) 1,1-Dichloroethene	2.319	96	137781	50.344	ug/l	96
13) Acrolein	2.233	56	197086	267.650	ug/l	99
14) Allyl chloride	2.666	41	279291	52.090	ug/l	95
15) Acrylonitrile	3.063	53	449859	279.389	ug/l	99
16) Acetone	2.380	43	399213	241.039	ug/l	98
17) Carbon Disulfide	2.514	76	346049	50.487	ug/l	100
18) Methyl Acetate	2.703	43	327756	55.697	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	541391	53.430	ug/l	100
20) Methylene Chloride	2.788	84	166751	51.022	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	155867	52.221	ug/l	97
22) Diisopropyl ether	3.757	45	591472	54.673	ug/l	96
23) Vinyl Acetate	3.721	43	2219290	287.637	ug/l	98
24) 1,1-Dichloroethane	3.611	63	306645	52.681	ug/l	99
25) 2-Butanone	4.556	43	648570	269.207	ug/l	99
26) 2,2-Dichloropropane	4.477	77	235018	49.097	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	183850	51.983	ug/l	98
28) Bromochloromethane	4.898	49	150951	53.014	ug/l	99
29) Tetrahydrofuran	5.001	42	427765	283.429	ug/l	99
30) Chloroform	5.093	83	313435	53.015	ug/l	99
31) Cyclohexane	5.471	56	255519	51.470	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	264781	52.482	ug/l	99
36) 1,1-Dichloropropene	5.696	75	224347	49.862	ug/l	99
37) Ethyl Acetate	4.709	43	263490	56.006	ug/l	99
38) Carbon Tetrachloride	5.678	117	215714	50.851	ug/l	98
39) Methylcyclohexane	7.379	83	234859	49.156	ug/l	96
40) Benzene	6.038	78	667799	51.704	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	147241	57.548	ug/l	98
42) 1,2-Dichloroethane	6.086	62	272864	53.139	ug/l	99
43) Isopropyl Acetate	6.336	43	450256	57.205	ug/l	99
44) Trichloroethene	7.123	130	168074	50.978	ug/l	98
45) 1,2-Dichloropropane	7.428	63	176561	52.459	ug/l	99
46) Dibromomethane	7.580	93	123544	53.349	ug/l	99
47) Bromodichloromethane	7.824	83	234678	54.863	ug/l	99
48) Methyl methacrylate	7.690	41	221650	57.342	ug/l	97
49) 1,4-Dioxane	7.684	88	78633	987.116	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1345126	288.758	ug/l	99
52) Toluene	8.720	92	419415	49.803	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	260366	56.581	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	279558	55.513	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	174892	54.871	ug/l	99
56) Ethyl methacrylate	9.116	69	289507	57.972	ug/l	97
57) 1,3-Dichloropropane	9.305	76	305597	54.139	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	753919	296.498	ug/l	100
59) 2-Hexanone	9.427	43	1016586	288.527	ug/l	99
60) Dibromochloromethane	9.519	129	175520	57.809	ug/l	100
61) 1,2-Dibromoethane	9.610	107	183278	55.298	ug/l	100
64) Tetrachloroethene	9.275	164	139894	46.479	ug/l	97
65) Chlorobenzene	10.080	112	442369	50.553	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	163112	54.208	ug/l	99
67) Ethyl Benzene	10.195	91	799685	50.446	ug/l	98
68) m/p-Xylenes	10.299	106	603884	99.726	ug/l	97
69) o-Xylene	10.640	106	300952	50.733	ug/l	97
70) Styrene	10.653	104	498389	52.630	ug/l	99
71) Bromoform	10.799	173	118390	57.850	ug/l	100
73) Isopropylbenzene	10.964	105	759362	49.575	ug/l	99
74) N-amyl acetate	10.842	43	404021	58.664	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	274806	54.739	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	228265m	54.175	ug/l	
77) Bromobenzene	11.195	156	188200	49.586	ug/l	99
78) n-propylbenzene	11.305	91	883304	49.919	ug/l	99
79) 2-Chlorotoluene	11.366	91	551012	49.320	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	640342	49.999	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	76176	54.182	ug/l	90
82) 4-Chlorotoluene	11.451	91	647544	49.912	ug/l	100
83) tert-Butylbenzene	11.713	119	602513	50.099	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	654715	50.269	ug/l	98
85) sec-Butylbenzene	11.890	105	731583	50.002	ug/l	99
86) p-Isopropyltoluene	12.006	119	617024	50.576	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	346360	50.110	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	352584	48.840	ug/l	99
89) n-Butylbenzene	12.335	91	535625	50.251	ug/l	99
90) Hexachloroethane	12.536	117	102181	54.058	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	344587	49.777	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	62250	59.404	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	199539	50.964	ug/l	99
94) Hexachlorobutadiene	13.725	225	78159	45.387	ug/l	99
95) Naphthalene	13.774	128	762845	54.833	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	201952	51.148	ug/l	99

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

