

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032323\
 Data File : VX034709.D
 Acq On : 23 Mar 2023 19:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Mahesh Dadoda 03/24/2023

Quant Time: Mar 24 05:49:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	293020	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	492996	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	446546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	219041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	229113	53.746	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.500%			
35) Dibromofluoromethane	5.385	113	171442	52.670	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.340%			
50) Toluene-d8	8.647	98	589982	48.554	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.100%			
62) 4-Bromofluorobenzene	11.079	95	242587	49.426	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	172313	63.079	ug/l	99
3) Chloromethane	1.295	50	200620	48.442	ug/l	100
4) Vinyl Chloride	1.374	62	194843	52.383	ug/l	97
5) Bromomethane	1.612	94	111801	59.573	ug/l	99
6) Chloroethane	1.685	64	107312	50.108	ug/l	97
7) Trichlorofluoromethane	1.886	101	271808	48.633	ug/l	99
8) Diethyl Ether	2.130	74	112186	54.987	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	158440	48.644	ug/l	99
10) Methyl Iodide	2.453	142	209102	48.898	ug/l	92
11) Tert butyl alcohol	2.983	59	210310	236.914	ug/l	99
12) 1,1-Dichloroethene	2.319	96	153649	47.899	ug/l	93
13) Acrolein	2.233	56	128045	182.332	ug/l	98
14) Allyl chloride	2.666	41	312537	48.058	ug/l	97
15) Acrylonitrile	3.063	53	496382	258.855	ug/l	99
16) Acetone	2.386	43	467026	232.581	ug/l	98
17) Carbon Disulfide	2.514	76	372093	41.218	ug/l	99
18) Methyl Acetate	2.703	43	371735	56.657	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	617846	53.794	ug/l	98
20) Methylene Chloride	2.788	84	181877	46.669	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	168298	49.402	ug/l	97
22) Diisopropyl ether	3.757	45	634758	51.193	ug/l	96
23) Vinyl Acetate	3.721	43	2385169	252.755	ug/l	98
24) 1,1-Dichloroethane	3.611	63	340685	51.113	ug/l	98
25) 2-Butanone	4.556	43	726286	252.780	ug/l	99
26) 2,2-Dichloropropane	4.477	77	265706	45.861	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	201873	49.226	ug/l	98
28) Bromochloromethane	4.898	49	155166	50.067	ug/l	97
29) Tetrahydrofuran	5.001	42	472022	266.239	ug/l	99
30) Chloroform	5.093	83	346615	53.051	ug/l	97
31) Cyclohexane	5.471	56	284820	47.641	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	304319	52.615	ug/l	99
36) 1,1-Dichloropropene	5.696	75	248056	49.617	ug/l	99
37) Ethyl Acetate	4.715	43	286158	52.393	ug/l	99
38) Carbon Tetrachloride	5.678	117	255114	51.294	ug/l	100
39) Methylcyclohexane	7.379	83	281488	47.048	ug/l	94
40) Benzene	6.038	78	717744	49.075	ug/l	99

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41) Methacrylonitrile	4.916	41	165059	55.144	ug/l	98
42) 1,2-Dichloroethane	6.086	62	297995	55.440	ug/l	99
43) Isopropyl Acetate	6.336	43	478210	51.684	ug/l	99
44) Trichloroethene	7.129	130	186086	48.970	ug/l	96
45) 1,2-Dichloropropane	7.428	63	190507	49.887	ug/l	99
46) Dibromomethane	7.580	93	132892	51.188	ug/l	100
47) Bromodichloromethane	7.824	83	261727	52.089	ug/l	97
48) Methyl methacrylate	7.690	41	240348	54.011	ug/l	99
49) 1,4-Dioxane	7.696	88	97781	1046.154	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1428437	266.126	ug/l	100
52) Toluene	8.720	92	453763	50.114	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	282956	49.986	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	306088	49.979	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	188383	52.424	ug/l	98
56) Ethyl methacrylate	9.116	69	310502	52.627	ug/l	99
57) 1,3-Dichloropropane	9.311	76	328425	51.424	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	704669	231.750	ug/l	98
59) 2-Hexanone	9.427	43	1081460	260.644	ug/l	99
60) Dibromochloromethane	9.519	129	190824	50.632	ug/l	98
61) 1,2-Dibromoethane	9.610	107	195144	50.324	ug/l	99
64) Tetrachloroethene	9.275	164	152280	50.767	ug/l	97
65) Chlorobenzene	10.080	112	479481	48.939	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	180653	50.626	ug/l	99
67) Ethyl Benzene	10.195	91	868116	49.494	ug/l	98
68) m/p-Xylenes	10.299	106	665757	98.809	ug/l	99
69) o-Xylene	10.640	106	328116	48.526	ug/l	99
70) Styrene	10.653	104	550409	50.453	ug/l	99
71) Bromoform	10.799	173	133278	48.521	ug/l #	99
73) Isopropylbenzene	10.964	105	853641	50.424	ug/l	99
74) N-amyl acetate	10.842	43	415538	51.247	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	285118	50.470	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	276497m	54.976	ug/l	
77) Bromobenzene	11.201	156	202735	49.914	ug/l	99
78) n-propylbenzene	11.305	91	974107	49.823	ug/l	100
79) 2-Chlorotoluene	11.366	91	607229	50.288	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	721949	50.843	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	83074	44.685	ug/l	93
82) 4-Chlorotoluene	11.457	91	696745	50.095	ug/l	100
83) tert-Butylbenzene	11.713	119	715839	50.000	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	729681	50.281	ug/l	99
85) sec-Butylbenzene	11.890	105	852475	48.705	ug/l	99
86) p-Isopropyltoluene	12.012	119	723429	49.179	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	383463	48.184	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	383576	47.667	ug/l	99
89) n-Butylbenzene	12.335	91	618844	47.322	ug/l	100
90) Hexachloroethane	12.536	117	120753	44.363	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	383908	49.917	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	65777	51.248	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	233880	48.629	ug/l	98
94) Hexachlorobutadiene	13.725	225	91604	47.278	ug/l	98
95) Naphthalene	13.774	128	845357	52.416	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	235129	50.014	ug/l	99

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

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