

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030123\
 Data File : VX034280.D
 Acq On : 01 Mar 2023 09:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/02/2023
 Supervised By :Mahesh Dadoda 03/02/2023

Quant Time: Mar 02 00:38:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	348258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	568385	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	525881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	266228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	218491	46.584	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.160%			
35) Dibromofluoromethane	5.385	113	185764	50.197	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.400%			
50) Toluene-d8	8.647	98	689916	51.924	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.840%			
62) 4-Bromofluorobenzene	11.079	95	282150	55.516	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	157263	52.259	ug/l	99
3) Chloromethane	1.294	50	219851	50.767	ug/l	98
4) Vinyl Chloride	1.374	62	222513	56.419	ug/l	98
5) Bromomethane	1.599	94	116186	81.919	ug/l	99
6) Chloroethane	1.685	64	122490	61.779	ug/l	98
7) Trichlorofluoromethane	1.886	101	317841	59.569	ug/l	98
8) Diethyl Ether	2.130	74	116527	54.208	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	178704	47.557	ug/l	96
10) Methyl Iodide	2.453	142	225515	49.291	ug/l	94
11) Tert butyl alcohol	2.953	59	202658	193.187	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	178307	47.337	ug/l	93
13) Acrolein	2.233	56	245932	513.578	ug/l	100
14) Allyl chloride	2.660	41	352879	44.163	ug/l	90
15) Acrylonitrile	3.056	53	525064	229.438	ug/l	99
16) Acetone	2.373	43	602276	248.932	ug/l	94
17) Carbon Disulfide	2.514	76	512896	47.360	ug/l	98
18) Methyl Acetate	2.697	43	334101	44.628	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	625549	47.053	ug/l	97
20) Methylene Chloride	2.788	84	201615	46.249	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	196655	49.823	ug/l	98
22) Diisopropyl ether	3.751	45	719271	51.347	ug/l	93
23) Vinyl Acetate	3.715	43	2790434	248.633	ug/l	99
24) 1,1-Dichloroethane	3.605	63	368157	47.874	ug/l	99
25) 2-Butanone	4.544	43	825465	235.798	ug/l	99
26) 2,2-Dichloropropane	4.471	77	327618	47.028	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	232800	49.807	ug/l	96
28) Bromochloromethane	4.897	49	161745	47.149	ug/l	88
29) Tetrahydrofuran	4.995	42	493567	231.115	ug/l	98
30) Chloroform	5.092	83	368533	49.907	ug/l	99
31) Cyclohexane	5.464	56	352120	50.285	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	326995	49.398	ug/l	99
36) 1,1-Dichloropropene	5.690	75	282140	51.551	ug/l	99
37) Ethyl Acetate	4.708	43	303301	49.586	ug/l	99
38) Carbon Tetrachloride	5.678	117	288071	51.150	ug/l	97
39) Methylcyclohexane	7.379	83	361872	51.379	ug/l	98
40) Benzene	6.031	78	833874	51.413	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	170083	49.908	ug/l	99
42) 1,2-Dichloroethane	6.080	62	292032	51.194	ug/l	99
43) Isopropyl Acetate	6.330	43	525463	48.682	ug/l	99
44) Trichloroethene	7.123	130	217516	52.260	ug/l	96
45) 1,2-Dichloropropane	7.427	63	218345	50.570	ug/l	98
46) Dibromomethane	7.580	93	143816	50.612	ug/l	89
47) Bromodichloromethane	7.818	83	296486	50.842	ug/l	97
48) Methyl methacrylate	7.690	41	249428	48.687	ug/l	98
49) 1,4-Dioxane	7.653	88	92175	902.032	ug/l #	99
51) 4-Methyl-2-Pentanone	8.567	43	1526046	256.974	ug/l	99
52) Toluene	8.714	92	534301	54.367	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	352992	52.588	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	365992	50.931	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	210981	53.186	ug/l	99
56) Ethyl methacrylate	9.116	69	351553	52.388	ug/l	96
57) 1,3-Dichloropropane	9.305	76	361842	52.428	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	706530	243.048	ug/l	95
59) 2-Hexanone	9.427	43	1202515	265.703	ug/l	98
60) Dibromochloromethane	9.518	129	236209	53.891	ug/l	100
61) 1,2-Dibromoethane	9.610	107	226039	53.879	ug/l	99
64) Tetrachloroethene	9.269	164	186463	50.239	ug/l	93
65) Chlorobenzene	10.079	112	568666	51.876	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	214605	50.571	ug/l	98
67) Ethyl Benzene	10.195	91	1038654	52.740	ug/l	98
68) m/p-Xylenes	10.299	106	794229	105.384	ug/l	94
69) o-Xylene	10.640	106	396347	52.825	ug/l	94
70) Styrene	10.652	104	654886	53.667	ug/l	96
71) Bromoform	10.799	173	177137	51.138	ug/l	100
73) Isopropylbenzene	10.963	105	1026159	50.575	ug/l	100
74) N-amyl acetate	10.841	43	493129	48.377	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	329351	47.459	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	278897m	41.632	ug/l	
77) Bromobenzene	11.195	156	244028	49.977	ug/l	83
78) n-propylbenzene	11.305	91	1220864	51.737	ug/l	98
79) 2-Chlorotoluene	11.366	91	737137	50.944	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	864649	50.686	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	119759	45.925	ug/l	94
82) 4-Chlorotoluene	11.451	91	841379	51.053	ug/l	95
83) tert-Butylbenzene	11.713	119	862255	49.353	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	875272	50.746	ug/l	97
85) sec-Butylbenzene	11.890	105	1092721	51.503	ug/l	98
86) p-Isopropyltoluene	12.006	119	913919	52.049	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	468918	51.207	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	468257	50.697	ug/l	96
89) n-Butylbenzene	12.329	91	829952	53.069	ug/l	98
90) Hexachloroethane	12.536	117	182235	49.638	ug/l	79
91) 1,2-Dichlorobenzene	12.335	146	452222	50.474	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	73071	44.155	ug/l	77
93) 1,2,4-Trichlorobenzene	13.585	180	291367	50.654	ug/l	98
94) Hexachlorobutadiene	13.725	225	123015	51.588	ug/l	99
95) Naphthalene	13.774	128	929798	47.984	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	283392	49.625	ug/l	97

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

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