

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031974.D
 Acq On : 07 Oct 2022 19:51
 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 : John Carlone 10/10/2022
 Supervised By : Mahesh Dadoda 10/10/2022

Quant Time: Oct 08 05:17:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	61180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	95482	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63656	50.381	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.760%			
35) Dibromofluoromethane	5.391	113	55767	51.598	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.200%			
50) Toluene-d8	8.647	98	200695	51.605	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.200%			
62) 4-Bromofluorobenzene	11.079	95	74336	54.066	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	45955	50.473	ug/l	99
3) Chloromethane	1.288	50	43564	45.691	ug/l	99
4) Vinyl Chloride	1.368	62	52057	46.720	ug/l	98
5) Bromomethane	1.611	94	36832	51.063	ug/l	98
6) Chloroethane	1.685	64	52190	55.042	ug/l	99
7) Trichlorofluoromethane	1.886	101	98870	49.364	ug/l	99
8) Diethyl Ether	2.130	74	33212	48.648	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	48708	48.114	ug/l	92
10) Methyl Iodide	2.447	142	43671	42.815	ug/l	99
11) Tert butyl alcohol	3.014	59	50839	323.403	ug/l	95
12) 1,1-Dichloroethene	2.319	96	45221	48.526	ug/l	87
13) Acrolein	2.239	56	28163	314.773	ug/l	100
14) Allyl chloride	2.666	41	64926	48.965	ug/l	98
15) Acrylonitrile	3.069	53	131187	261.782	ug/l	99
16) Acetone	2.392	43	110068	256.321	ug/l	96
17) Carbon Disulfide	2.508	76	96302	48.123	ug/l	99
18) Methyl Acetate	2.709	43	74896	52.861	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	155717	49.795	ug/l	98
20) Methylene Chloride	2.788	84	52044	46.121	ug/l	88
21) trans-1,2-Dichloroethene	3.087	96	49645	48.106	ug/l	93
22) Diisopropyl ether	3.764	45	151106	50.692	ug/l	94
23) Vinyl Acetate	3.721	43	586406	263.179	ug/l	96
24) 1,1-Dichloroethane	3.611	63	88893	49.748	ug/l	98
25) 2-Butanone	4.568	43	179325	267.142	ug/l	97
26) 2,2-Dichloropropane	4.477	77	53462	41.654	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	59656	48.311	ug/l	88
28) Bromochloromethane	4.897	49	40291	52.680	ug/l	85
29) Tetrahydrofuran	5.007	42	113394	261.807	ug/l	92
30) Chloroform	5.093	83	99850	50.167	ug/l	98
31) Cyclohexane	5.471	56	72875	48.281	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	85216	50.383	ug/l	99
36) 1,1-Dichloropropene	5.696	75	70436	49.146	ug/l	99
37) Ethyl Acetate	4.715	43	69831	51.754	ug/l	98
38) Carbon Tetrachloride	5.678	117	74739	51.002	ug/l	94
39) Methylcyclohexane	7.379	83	80706	47.210	ug/l	95
40) Benzene	6.037	78	206552	49.217	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	38050	54.230	ug/l	96
42) 1,2-Dichloroethane	6.086	62	76385	49.948	ug/l	97
43) Isopropyl Acetate	6.342	43	107913	52.713	ug/l	98
44) Trichloroethene	7.123	130	58766	47.756	ug/l	89
45) 1,2-Dichloropropane	7.434	63	51780	50.206	ug/l	92
46) Dibromomethane	7.580	93	39552	49.483	ug/l	93
47) Bromodichloromethane	7.824	83	73507	53.236	ug/l	98
48) Methyl methacrylate	7.696	41	53363	54.550	ug/l	96
49) 1,4-Dioxane	7.696	88	27625	1266.777	ug/l	91
51) 4-Methyl-2-Pentanone	8.574	43	377048	277.927	ug/l	98
52) Toluene	8.720	92	135723	49.463	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	69572	46.883	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	79006	52.835	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	56423	48.719	ug/l	99
56) Ethyl methacrylate	9.116	69	77426	52.156	ug/l	96
57) 1,3-Dichloropropane	9.311	76	92477	49.691	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	205693	268.421	ug/l	94
59) 2-Hexanone	9.433	43	283588	283.501	ug/l	97
60) Dibromochloromethane	9.525	129	58721	55.403	ug/l	100
61) 1,2-Dibromoethane	9.610	107	59884	51.418	ug/l	100
64) Tetrachloroethene	9.275	164	57901	48.863	ug/l	97
65) Chlorobenzene	10.079	112	149364	46.966	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	54634	49.648	ug/l	98
67) Ethyl Benzene	10.195	91	260073	48.340	ug/l	99
68) m/p-Xylenes	10.305	106	207927	97.253	ug/l	97
69) o-Xylene	10.640	106	100411	48.319	ug/l	98
70) Styrene	10.659	104	169288	50.959	ug/l	98
71) Bromoform	10.799	173	39967	55.479	ug/l #	100
73) Isopropylbenzene	10.963	105	265898	46.885	ug/l	98
74) N-amyl acetate	10.842	43	95041	54.877	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	84602	46.951	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	76023m	49.330	ug/l	
77) Bromobenzene	11.201	156	65074	46.581	ug/l	94
78) n-propylbenzene	11.305	91	304509	47.206	ug/l	100
79) 2-Chlorotoluene	11.366	91	180637	46.533	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	225640	47.971	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	19373	44.996	ug/l	88
82) 4-Chlorotoluene	11.457	91	210185	47.277	ug/l	99
83) tert-Butylbenzene	11.713	119	219403	47.130	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	224964	47.080	ug/l	99
85) sec-Butylbenzene	11.890	105	274124	47.562	ug/l	100
86) p-Isopropyltoluene	12.012	119	232262	47.863	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	122802	46.167	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	124545	45.490	ug/l	99
89) n-Butylbenzene	12.335	91	197177	48.522	ug/l	99
90) Hexachloroethane	12.536	117	35873	46.581	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	124917	47.235	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17847	54.109	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	74826	46.617	ug/l	98
94) Hexachlorobutadiene	13.725	225	28887	44.497	ug/l	97
95) Naphthalene	13.774	128	269339	48.970	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	77006	47.297	ug/l	99

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

