

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030810.D
 Acq On : 26 Aug 2022 07:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 26 07:50:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/26/2022
 Supervised By :Mahesh Dadoda 08/26/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	242509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	421016	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	380896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	193247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	136665	47.910	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.820%		
35) Dibromofluoromethane	5.391	113	121573	46.985	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.960%		
50) Toluene-d8	8.653	98	431263	47.830	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.660%		
62) 4-Bromofluorobenzene	11.079	95	163687	48.762	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	108737	48.384	ug/l	98
3) Chloromethane	1.288	50	97138	53.198	ug/l	100
4) Vinyl Chloride	1.373	62	111388	50.762	ug/l	99
5) Bromomethane	1.611	94	52294	46.279	ug/l	99
6) Chloroethane	1.684	64	67104	52.563	ug/l	94
7) Trichlorofluoromethane	1.886	101	170659	45.973	ug/l	96
8) Diethyl Ether	2.135	74	67970	48.391	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	108868	46.099	ug/l	97
10) Methyl Iodide	2.452	142	91052	46.441	ug/l	93
11) Tert butyl alcohol	2.995	59	153895	248.524	ug/l	98
12) 1,1-Dichloroethene	2.318	96	104171	47.387	ug/l	94
13) Acrolein	2.239	56	125732	230.240	ug/l	99
14) Allyl chloride	2.666	41	180692	44.422	ug/l	97
15) Acrylonitrile	3.068	53	391560	257.912	ug/l	99
16) Acetone	2.392	43	329440	249.918	ug/l	99
17) Carbon Disulfide	2.513	76	210579	48.708	ug/l	99
18) Methyl Acetate	2.709	43	219029	54.062	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	387469	50.900	ug/l	98
20) Methylene Chloride	2.794	84	126826	52.513	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	109678	46.447	ug/l	94
22) Diisopropyl ether	3.769	45	414488	50.731	ug/l #	86
23) Vinyl Acetate	3.727	43	1643571	250.813	ug/l	100
24) 1,1-Dichloroethane	3.611	63	226594	48.931	ug/l	99
25) 2-Butanone	4.568	43	535514	252.194	ug/l	99
26) 2,2-Dichloropropane	4.483	77	76139	22.697	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	137847	47.252	ug/l	97
28) Bromochloromethane	4.909	49	102104	51.244	ug/l	96
29) Tetrahydrofuran	5.013	42	350364	252.811	ug/l	100
30) Chloroform	5.098	83	234701	48.153	ug/l	98
31) Cyclohexane	5.476	56	171165	46.926	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	194914	49.460	ug/l	99
36) 1,1-Dichloropropene	5.702	75	156314	44.364	ug/l	98
37) Ethyl Acetate	4.720	43	195800	46.917	ug/l	99
38) Carbon Tetrachloride	5.684	117	166669	44.845	ug/l	97
39) Methylcyclohexane	7.378	83	180850	42.886	ug/l	95
40) Benzene	6.043	78	491289	46.604	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	114030	48.898	ug/l	99
42) 1,2-Dichloroethane	6.092	62	178696	47.774	ug/l	98
43) Isopropyl Acetate	6.348	43	307276	48.882	ug/l	100
44) Trichloroethene	7.128	130	137584	45.175	ug/l	100
45) 1,2-Dichloropropane	7.433	63	137459	47.135	ug/l	99
46) Dibromomethane	7.586	93	97863	47.239	ug/l	99
47) Bromodichloromethane	7.823	83	186544	47.818	ug/l	94
48) Methyl methacrylate	7.695	41	158929	50.719	ug/l	97
49) 1,4-Dioxane	7.677	88	80408	1039.459	ug/l	100
51) 4-Methyl-2-Pentanone	8.579	43	1050495	247.764	ug/l	98
52) Toluene	8.720	92	308383	46.868	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	166888	44.275	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	185986	43.817	ug/l	96
55) 1,1,2-Trichloroethane	9.152	97	143116	48.944	ug/l	98
56) Ethyl methacrylate	9.122	69	214170	51.073	ug/l	98
57) 1,3-Dichloropropane	9.311	76	226541	48.080	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	563557	251.301	ug/l	99
59) 2-Hexanone	9.433	43	809157	254.380	ug/l	99
60) Dibromochloromethane	9.524	129	146695	48.110	ug/l	99
61) 1,2-Dibromoethane	9.610	107	143507	48.398	ug/l	99
64) Tetrachloroethene	9.274	164	134676	44.886	ug/l	95
65) Chlorobenzene	10.079	112	339433	46.067	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	133191	48.171	ug/l	98
67) Ethyl Benzene	10.195	91	601841	47.276	ug/l	99
68) m/p-Xylenes	10.305	106	464261	95.188	ug/l	98
69) o-Xylene	10.646	106	230595	47.780	ug/l	96
70) Styrene	10.658	104	397258	49.599	ug/l	99
71) Bromoform	10.799	173	109728	48.030	ug/l #	98
73) Isopropylbenzene	10.963	105	610399	47.132	ug/l	100
74) N-amyl acetate	10.847	43	254401	50.430	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	212770	48.029	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	196082m	46.313	ug/l	
77) Bromobenzene	11.201	156	149402	46.823	ug/l	96
78) n-propylbenzene	11.305	91	711583	47.774	ug/l	100
79) 2-Chlorotoluene	11.366	91	429934	47.122	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	511650	47.204	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	52171	39.758	ug/l	94
82) 4-Chlorotoluene	11.457	91	480008	46.936	ug/l	100
83) tert-Butylbenzene	11.719	119	518618	49.715	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	506692	48.269	ug/l	99
85) sec-Butylbenzene	11.890	105	651569	47.931	ug/l	99
86) p-Isopropyltoluene	12.012	119	546445	48.881	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	282026	46.854	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	279563	45.257	ug/l	99
89) n-Butylbenzene	12.335	91	493191	47.658	ug/l	100
90) Hexachloroethane	12.542	117	99630	45.966	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	302331	47.713	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	54020	47.375	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	191907	48.437	ug/l	98
94) Hexachlorobutadiene	13.725	225	74563	45.185	ug/l	98
95) Naphthalene	13.780	128	692559	50.212	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	202746	48.399	ug/l	99

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

