

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063022\
 Data File : VX029908.D
 Acq On : 30 Jun 2022 16:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jul 01 04:48:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	229373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	399838	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	354463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135415	46.639	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.280%		
35) Dibromofluoromethane	5.385	113	122335	48.958	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.920%		
50) Toluene-d8	8.647	98	468608	49.990	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.980%		
62) 4-Bromofluorobenzene	11.079	95	170171	51.355	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	117227	52.408	ug/l	97
3) Chloromethane	1.288	50	117895	45.745	ug/l	99
4) Vinyl Chloride	1.374	62	129526	50.532	ug/l	98
5) Bromomethane	1.605	94	39630	28.061	ug/l	97
6) Chloroethane	1.679	64	73823	51.041	ug/l	94
7) Trichlorofluoromethane	1.880	101	167331	50.855	ug/l	100
8) Diethyl Ether	2.136	74	69426	47.072	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	115013	49.998	ug/l	97
10) Methyl Iodide	2.447	142	103416	33.455	ug/l	98
11) Tert butyl alcohol	2.977	59	171240	225.514	ug/l	99
12) 1,1-Dichloroethene	2.313	96	114536	48.487	ug/l	99
13) Acrolein	2.239	56	74760	209.343	ug/l	100
14) Allyl chloride	2.660	41	208204	47.758	ug/l	98
15) Acrylonitrile	3.062	53	419223	236.489	ug/l	99
16) Acetone	2.386	43	366676	258.137	ug/l	98
17) Carbon Disulfide	2.508	76	277475	47.240	ug/l	100
18) Methyl Acetate	2.703	43	205351	46.892	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	376553	47.215	ug/l	96
20) Methylene Chloride	2.788	84	133631	44.545	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	123094	47.510	ug/l	96
22) Diisopropyl ether	3.764	45	416266	47.251	ug/l #	87
23) Vinyl Acetate	3.721	43	1833697	240.662	ug/l	99
24) 1,1-Dichloroethane	3.605	63	220800	47.525	ug/l	99
25) 2-Butanone	4.556	43	586979	238.082	ug/l	100
26) 2,2-Dichloropropane	4.477	77	162315	53.229	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	148369	48.502	ug/l	97
28) Bromochloromethane	4.897	49	83379	44.776	ug/l	98
29) Tetrahydrofuran	5.007	42	382667	235.853	ug/l	99
30) Chloroform	5.093	83	219376	48.152	ug/l	96
31) Cyclohexane	5.464	56	198548	49.045	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	175420	48.354	ug/l	99
36) 1,1-Dichloropropene	5.690	75	161401	48.565	ug/l	99
37) Ethyl Acetate	4.715	43	212379	46.724	ug/l	99
38) Carbon Tetrachloride	5.672	117	145037	50.364	ug/l	96
39) Methylcyclohexane	7.379	83	203395	50.617	ug/l	98
40) Benzene	6.037	78	522477	48.619	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	114609	47.432	ug/l	99
42) 1,2-Dichloroethane	6.086	62	158857	48.165	ug/l	99
43) Isopropyl Acetate	6.342	43	326996	47.774	ug/l	100
44) Trichloroethene	7.123	130	134174	46.361	ug/l	100
45) 1,2-Dichloropropane	7.428	63	134540	47.392	ug/l	99
46) Dibromomethane	7.580	93	89688	48.295	ug/l	98
47) Bromodichloromethane	7.824	83	166012	49.872	ug/l	96
48) Methyl methacrylate	7.690	41	162158	49.968	ug/l	99
49) 1,4-Dioxane	7.665	88	76865	1000.243	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1074548	238.080	ug/l	99
52) Toluene	8.720	92	321226	49.536	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	185756	52.366	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	209216	52.193	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	135100	47.820	ug/l	97
56) Ethyl methacrylate	9.116	69	220957	49.605	ug/l	98
57) 1,3-Dichloropropane	9.311	76	219191	48.224	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	480580	226.103	ug/l	100
59) 2-Hexanone	9.433	43	850417	242.795	ug/l	100
60) Dibromochloromethane	9.519	129	126939	50.853	ug/l	99
61) 1,2-Dibromoethane	9.610	107	138025	47.808	ug/l	100
64) Tetrachloroethene	9.275	164	114438	53.525	ug/l	96
65) Chlorobenzene	10.079	112	345234	48.519	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	119601	50.307	ug/l	99
67) Ethyl Benzene	10.195	91	613414	49.564	ug/l	98
68) m/p-Xylenes	10.305	106	477899	100.682	ug/l	99
69) o-Xylene	10.640	106	234730	48.823	ug/l	99
70) Styrene	10.659	104	398166	50.101	ug/l	100
71) Bromoform	10.799	173	92019	54.262	ug/l #	99
73) Isopropylbenzene	10.963	105	598806	46.513	ug/l	100
74) N-amyl acetate	10.842	43	291162	45.680	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	223488	44.096	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	202203m	47.476	ug/l	
77) Bromobenzene	11.201	156	142232	45.933	ug/l	98
78) n-propylbenzene	11.305	91	742411	48.896	ug/l	100
79) 2-Chlorotoluene	11.366	91	431770	47.830	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	503136	47.077	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	70122	52.286	ug/l	99
82) 4-Chlorotoluene	11.457	91	477325	46.413	ug/l	99
83) tert-Butylbenzene	11.713	119	496150	46.843	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	532455	49.734	ug/l	99
85) sec-Butylbenzene	11.890	105	644768	48.308	ug/l	100
86) p-Isopropyltoluene	12.012	119	523728	49.163	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	285081	47.952	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	291392	48.034	ug/l	99
89) n-Butylbenzene	12.335	91	504574	50.388	ug/l	100
90) Hexachloroethane	12.542	117	87214	50.187	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	289952	49.644	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	53267	50.295	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	174370	49.265	ug/l	99
94) Hexachlorobutadiene	13.725	225	59525	45.463	ug/l	99
95) Naphthalene	13.774	128	719457	50.067	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	175924	48.551	ug/l	100

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

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