

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031646.D
 Acq On : 26 Sep 2022 12:25
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 26 12:56:50 2022
 Quant Title :
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	83610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	127223	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	162466	89.105	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 178.200%#	
35) Dibromofluoromethane	5.385	113	146605	97.346	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 194.700%#	
50) Toluene-d8	8.653	98	535870	105.722	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 211.440%#	
62) 4-Bromofluorobenzene	11.079	95	213022	124.073	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 248.140%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	80996	67.378	ug/l	99
3) Chloromethane	1.288	50	85458	53.586	ug/l	97
4) Vinyl Chloride	1.374	62	117318	64.513	ug/l	99
5) Bromomethane	1.611	94	115869	44.749	ug/l	100
7) Trichlorofluoromethane	1.886	101	276578	67.052	ug/l	99
8) Diethyl Ether	2.130	74	91751	64.584	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	88758	65.929	ug/l	93
10) Methyl Iodide	2.453	142	117454	90.175	ug/l	99
11) Tert butyl alcohol	3.026	59	105208m	252.309	ug/l	
12) 1,1-Dichloroethene	2.319	96	81835	62.881	ug/l	87
13) Acrolein	2.239	56	48940	257.712	ug/l	99
14) Allyl chloride	2.666	41	136973	64.540	ug/l	91
15) Acrylonitrile	3.068	53	280286	347.355	ug/l	98
16) Acetone	2.398	43	191485	261.523	ug/l	98
17) Carbon Disulfide	2.508	76	183419	52.308	ug/l	100
18) Methyl Acetate	2.709	43	139682	60.961	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	401750	85.355	ug/l	97
20) Methylene Chloride	2.788	84	110257	65.977	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	119874	81.569	ug/l	91
22) Diisopropyl ether	3.757	45	357194	77.721	ug/l #	82
23) Vinyl Acetate	3.727	43	1454219	369.997	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	205292	79.044	ug/l	96
25) 2-Butanone	4.568	43	369112	311.802	ug/l #	89
26) 2,2-Dichloropropane	4.477	77	186843	81.442	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	146813	82.887	ug/l	87
28) Bromochloromethane	4.897	49	94082	90.678	ug/l #	71
29) Tetrahydrofuran	5.013	42	238054	308.355	ug/l #	82
30) Chloroform	5.093	83	264059	92.702	ug/l	99
31) Cyclohexane	5.471	56	159604	70.179	ug/l #	83
32) 1,1,1-Trichloroethane	5.385	97	234301	90.559	ug/l	97
36) 1,1-Dichloropropene	5.696	75	166813	82.489	ug/l	96
37) Ethyl Acetate	4.721	43	157451	65.265	ug/l	96
38) Carbon Tetrachloride	5.678	117	209168	93.314	ug/l	98
39) Methylcyclohexane	7.379	83	190782	76.675	ug/l	89
40) Benzene	6.037	78	509350	84.427	ug/l	99
41) Methacrylonitrile	4.922	41	82990	69.092	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	197613	88.865	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031646.D
 Acq On : 26 Sep 2022 12:25
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 26 12:56:50 2022
 Quant Title :
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Isopropyl Acetate	6.342	43	267602	72.171	ug/l #	93
44) Trichloroethene	7.123	130	147751	86.375	ug/l	91
45) 1,2-Dichloropropane	7.434	63	120659	79.562	ug/l	95
46) Dibromomethane	7.580	93	100344	85.958	ug/l	91
47) Bromodichloromethane	7.824	83	203850	92.879	ug/l	98
48) Methyl methacrylate	7.696	41	121908	71.965	ug/l #	87
49) 1,4-Dioxane	7.714	88	56212	1453.036	ug/l #	88
51) 4-Methyl-2-Pentanone	8.580	43	810774	339.958	ug/l	93
52) Toluene	8.720	92	366431	93.128	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	220684	97.167	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	223119	89.825	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	156377	96.452	ug/l	97
56) Ethyl methacrylate	9.116	69	216097	93.714	ug/l	88
57) 1,3-Dichloropropane	9.311	76	237823	89.387	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	493630	553.714	ug/l #	87
59) 2-Hexanone	9.433	43	599183	334.527	ug/l	91
60) Dibromochloromethane	9.525	129	181009	105.137	ug/l	99
61) 1,2-Dibromoethane	9.610	107	170027	97.346	ug/l	97
64) Tetrachloroethene	9.275	164	152787	84.605	ug/l	99
65) Chlorobenzene	10.079	112	415855	89.692	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	164430	98.294	ug/l	99
67) Ethyl Benzene	10.195	91	710919	86.844	ug/l	98
68) m/p-Xylenes	10.305	106	611453	185.864	ug/l	93
69) o-Xylene	10.640	106	296872	94.543	ug/l	93
70) Styrene	10.659	104	512102	99.053	ug/l	96
71) Bromoform	10.799	173	133622	99.834	ug/l #	98
73) Isopropylbenzene	10.963	105	779408	82.567	ug/l	98
74) N-amyl acetate	10.848	43	249171	65.124	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	230944	72.570	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	206830m	73.310	ug/l	
77) Bromobenzene	11.201	156	199500	85.750	ug/l	89
78) n-propylbenzene	11.305	91	875117	80.580	ug/l	97
79) 2-Chlorotoluene	11.366	91	523568	80.995	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	694546	86.699	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	69717	79.565	ug/l	95
82) 4-Chlorotoluene	11.457	91	634762	83.674	ug/l	95
83) tert-Butylbenzene	11.713	119	687106	88.493	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	682312	86.483	ug/l	98
85) sec-Butylbenzene	11.890	105	837412	85.222	ug/l	98
86) p-Isopropyltoluene	12.012	119	744609	89.739	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	391132	87.711	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	407909	87.700	ug/l	98
89) n-Butylbenzene	12.335	91	606118	85.755	ug/l	98
90) Hexachloroethane	12.542	117	123883	86.889	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	398083	88.648	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	50967	78.575	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	236826	95.711	ug/l	99
94) Hexachlorobutadiene	13.725	225	86266	87.284	ug/l	97
95) Naphthalene	13.774	128	793630	87.578	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	233963	91.739	ug/l	99

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

Quant Time: Sep 26 12:56:50 2022
Quant Title :
QLast Update : Tue Sep 27 01:44:18 2022
Response via : Initial Calibration

