

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
 Data File : VX031831.D
 Acq On : 03 Oct 2022 12:32
 Operator : JC/MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/04/2022
 Supervised By : Mahesh Dadoda 10/06/2022

Quant Time: Oct 04 06:32:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:27:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	101331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	149503	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	20044	9.347	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	18.700%#		
35) Dibromofluoromethane	5.385	113	19187	9.194	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	18.380%#		
50) Toluene-d8	8.653	98	67272	9.155	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	18.320%#		
62) 4-Bromofluorobenzene	11.079	95	24222	9.064	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	18.120%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	15320	10.838	ug/l	95
3) Chloromethane	1.288	50	15149	10.020	ug/l	95
4) Vinyl Chloride	1.374	62	18851	9.982	ug/l	97
5) Bromomethane	1.612	94	16426	10.483	ug/l	97
6) Chloroethane	1.691	64	15382	7.847	ug/l	96
7) Trichlorofluoromethane	1.886	101	37224	9.757	ug/l	99
8) Diethyl Ether	2.130	74	12321	9.425	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	15948	9.625	ug/l	90
10) Methyl Iodide	2.453	142	13581	7.627	ug/l	99
11) Tert butyl alcohol	3.002	59	15050m	52.482	ug/l	
12) 1,1-Dichloroethene	2.319	96	14780	9.427	ug/l	83
13) Acrolein	2.239	56	6565	37.064	ug/l	96
14) Allyl chloride	2.660	41	18676	9.231	ug/l #	94
15) Acrylonitrile	3.062	53	34397	45.390	ug/l	99
16) Acetone	2.392	43	27935	47.455	ug/l	89
17) Carbon Disulfide	2.514	76	40107	9.354	ug/l	98
18) Methyl Acetate	2.709	43	18325	9.382	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	48038	9.063	ug/l	100
20) Methylene Chloride	2.788	84	16415	9.084	ug/l #	83
21) trans-1,2-Dichloroethene	3.093	96	17137	9.178	ug/l	86
22) Diisopropyl ether	3.764	45	39536	9.121	ug/l #	93
23) Vinyl Acetate	3.721	43	151380	46.018	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	26997	9.317	ug/l	95
25) 2-Butanone	4.562	43	45012	47.345	ug/l #	86
26) 2,2-Dichloropropane	4.471	77	22601	9.201	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	19779	9.043	ug/l	82
28) Bromochloromethane	4.904	49	11543	9.596	ug/l #	63
29) Tetrahydrofuran	5.019	42	28290	47.973	ug/l #	80
30) Chloroform	5.099	83	32240	9.253	ug/l	95
31) Cyclohexane	5.471	56	22197	9.538	ug/l #	77
32) 1,1,1-Trichloroethane	5.385	97	29820	9.207	ug/l	95
36) 1,1-Dichloropropene	5.696	75	22879	9.577	ug/l	94
37) Ethyl Acetate	4.715	43	17708	9.451	ug/l #	95
38) Carbon Tetrachloride	5.678	117	27464	9.255	ug/l	96
39) Methylcyclohexane	7.379	83	27525	9.783	ug/l #	87
40) Benzene	6.044	78	66749	9.425	ug/l	98

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41) Methacrylonitrile	4.928	41	9130	8.963	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	22892	9.186	ug/l	93
43) Isopropyl Acetate	6.336	43	28214	9.230	ug/l #	90
44) Trichloroethene	7.129	130	20243	8.885	ug/l	85
45) 1,2-Dichloropropane	7.434	63	15159	9.092	ug/l	90
46) Dibromomethane	7.586	93	13291	9.423	ug/l #	88
47) Bromodichloromethane	7.824	83	25514	9.126	ug/l	95
48) Methyl methacrylate	7.696	41	12356	9.028	ug/l #	81
49) 1,4-Dioxane	7.702	88	9021	206.053	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	92437	48.504	ug/l	91
52) Toluene	8.720	92	46593	9.408	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	24035	8.942	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	26746	9.095	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	18447	9.170	ug/l	96
56) Ethyl methacrylate	9.116	69	22213	9.398	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	29042	9.355	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	49340	40.773	ug/l #	84
59) 2-Hexanone	9.433	43	68652	49.526	ug/l	87
60) Dibromochloromethane	9.525	129	22262	9.021	ug/l	100
61) 1,2-Dibromoethane	9.610	107	20451	9.139	ug/l	98
64) Tetrachloroethene	9.275	164	21114	9.097	ug/l	98
65) Chlorobenzene	10.080	112	53121	9.337	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	20179	9.123	ug/l	99
67) Ethyl Benzene	10.195	91	87052	9.425	ug/l	97
68) m/p-Xylenes	10.299	106	73312	19.151	ug/l	93
69) o-Xylene	10.640	106	35151	9.473	ug/l	93
70) Styrene	10.659	104	56488	9.281	ug/l	95
71) Bromoform	10.799	173	15969	8.391	ug/l #	98
73) Isopropylbenzene	10.964	105	91184	9.551	ug/l	100
74) N-amyl acetate	10.842	43	21168	9.022	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	26327	9.460	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	23532m	9.963	ug/l	
77) Bromobenzene	11.201	156	23574	9.032	ug/l	86
78) n-propylbenzene	11.305	91	99587	9.582	ug/l	97
79) 2-Chlorotoluene	11.366	91	60058	9.452	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	77482	9.677	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	6624	8.476	ug/l	94
82) 4-Chlorotoluene	11.457	91	71804	9.777	ug/l	96
83) tert-Butylbenzene	11.713	119	76065	9.454	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	77084	9.629	ug/l	98
85) sec-Butylbenzene	11.890	105	91817	9.644	ug/l	98
86) p-Isopropyltoluene	12.012	119	81922	9.776	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	44044	9.073	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	46992	9.293	ug/l	99
89) n-Butylbenzene	12.335	91	62782	9.570	ug/l	98
90) Hexachloroethane	12.542	117	13521	8.894	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	44912	9.246	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5815	9.892	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	26227	8.886	ug/l	98
94) Hexachlorobutadiene	13.725	225	11072	9.492	ug/l	95
95) Naphthalene	13.774	128	88541	9.466	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	26733	9.297	ug/l	99

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

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