

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030930.D
 Acq On : 30 Aug 2022 10:40
 Operator : JC/MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/31/2022
 Supervised By : Semsettin Yesilyurt 08/31/2022

Quant Time: Aug 30 12:05:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 12:03:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	214283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	369530	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	331531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	31181	9.877	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	19.760%#		
35) Dibromofluoromethane	5.397	113	27076	10.353	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	20.700%#		
50) Toluene-d8	8.653	98	96610	9.872	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	19.740%#		
62) 4-Bromofluorobenzene	11.085	95	35420	10.203	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	20.400%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22063	9.219	ug/l	97
3) Chloromethane	1.288	50	22692	9.411	ug/l	93
4) Vinyl Chloride	1.374	62	27654	10.037	ug/l	99
5) Bromomethane	1.605	94	10534	8.529	ug/l	92
6) Chloroethane	1.685	64	16870	10.141	ug/l	92
7) Trichlorofluoromethane	1.886	101	40840	9.858	ug/l	99
8) Diethyl Ether	2.136	74	16038	9.949	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	26118	10.024	ug/l	98
10) Methyl Iodide	2.453	142	17753	8.778	ug/l	95
11) Tert butyl alcohol	2.977	59	37193	47.827	ug/l	100
12) 1,1-Dichloroethene	2.319	96	25938	10.304	ug/l	95
13) Acrolein	2.239	56	20766	61.492	ug/l	99
14) Allyl chloride	2.666	41	43628	9.447	ug/l	98
15) Acrylonitrile	3.068	53	82367	48.329	ug/l	99
16) Acetone	2.392	43	68573	46.636	ug/l	94
17) Carbon Disulfide	2.514	76	64743	9.743	ug/l	100
18) Methyl Acetate	2.709	43	42149	9.896	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	85466	10.000	ug/l	97
20) Methylene Chloride	2.794	84	30184	9.379	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	27804	9.964	ug/l	95
22) Diisopropyl ether	3.764	45	93254	10.501	ug/l	96
23) Vinyl Acetate	3.727	43	360002	49.853	ug/l	99
24) 1,1-Dichloroethane	3.611	63	52957	10.066	ug/l	98
25) 2-Butanone	4.562	43	113317	47.132	ug/l	97
26) 2,2-Dichloropropane	4.483	77	37949	10.616	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	32312	10.188	ug/l	96
28) Bromochloromethane	4.910	49	16776	9.600	ug/l	100
29) Tetrahydrofuran	5.019	42	74911	48.534	ug/l	99
30) Chloroform	5.099	83	53655	10.043	ug/l	99
31) Cyclohexane	5.477	56	44312	9.699	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	44804	9.920	ug/l	98
36) 1,1-Dichloropropene	5.696	75	38629	9.764	ug/l	98
37) Ethyl Acetate	4.721	43	43540	9.980	ug/l	99
38) Carbon Tetrachloride	5.678	117	38003	9.772	ug/l	98
39) Methylcyclohexane	7.385	83	47717	10.331	ug/l	98
40) Benzene	6.044	78	114496	10.069	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	23764	9.772	ug/l	99
42) 1,2-Dichloroethane	6.092	62	39409	9.938	ug/l	97
43) Isopropyl Acetate	6.348	43	63243	9.487	ug/l	98
44) Trichloroethene	7.129	130	31897	10.059	ug/l	92
45) 1,2-Dichloropropane	7.434	63	30593	9.792	ug/l	92
46) Dibromomethane	7.586	93	21113	9.972	ug/l	98
47) Bromodichloromethane	7.824	83	39295	9.854	ug/l	94
48) Methyl methacrylate	7.696	41	31914	9.509	ug/l	96
49) 1,4-Dioxane	7.677	88	16281	185.745	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	215757	48.444	ug/l	97
52) Toluene	8.720	92	71004	10.244	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	39857	9.909	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	45179	10.055	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	29986	10.226	ug/l	97
56) Ethyl methacrylate	9.122	69	44456	9.951	ug/l	96
57) 1,3-Dichloropropane	9.311	76	51566	10.110	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	654	0.344	ug/l #	47
59) 2-Hexanone	9.433	43	165104	47.523	ug/l	97
60) Dibromochloromethane	9.525	129	30679	10.201	ug/l	98
61) 1,2-Dibromoethane	9.610	107	31580	9.935	ug/l	100
64) Tetrachloroethene	9.275	164	30500	10.275	ug/l	90
65) Chlorobenzene	10.086	112	75868	10.054	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	27497	10.262	ug/l	99
67) Ethyl Benzene	10.195	91	138511	10.352	ug/l	100
68) m/p-Xylenes	10.305	106	106037	20.768	ug/l	96
69) o-Xylene	10.646	106	51534	10.263	ug/l	96
70) Styrene	10.659	104	84637	10.212	ug/l	98
71) Bromoform	10.799	173	20503	9.792	ug/l #	94
73) Isopropylbenzene	10.963	105	135864	10.541	ug/l	99
74) N-amyl acetate	10.842	43	52059	9.979	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	44699	9.833	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	43933m	10.339	ug/l	
77) Bromobenzene	11.201	156	32858	10.526	ug/l	98
78) n-propylbenzene	11.305	91	156441	10.456	ug/l	98
79) 2-Chlorotoluene	11.366	91	97021	10.393	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	113943	10.325	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	13295	10.251	ug/l	95
82) 4-Chlorotoluene	11.457	91	111789	10.591	ug/l	97
83) tert-Butylbenzene	11.719	119	112232	10.584	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	116684	10.433	ug/l	97
85) sec-Butylbenzene	11.890	105	142727	10.200	ug/l	100
86) p-Isopropyltoluene	12.012	119	119809	10.430	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	62021	10.102	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	63605	10.010	ug/l	97
89) n-Butylbenzene	12.335	91	110002	10.556	ug/l	98
90) Hexachloroethane	12.542	117	19469	9.465	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	64791	10.453	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11085	9.482	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	37796	9.701	ug/l	97
94) Hexachlorobutadiene	13.725	225	17362	10.849	ug/l	98
95) Naphthalene	13.780	128	139841	10.001	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	40351	10.411	ug/l	99

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

