

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030933.D
 Acq On : 30 Aug 2022 11:50
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 30 12:15:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 12:15:05 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	203213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	355889	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	314623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	297270	99.294	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 198.580%#			
35) Dibromofluoromethane	5.391	113	265535	105.420	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 210.840%#			
50) Toluene-d8	8.653	98	972576	103.190	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 206.380%#			
62) 4-Bromofluorobenzene	11.085	95	366015	109.480	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 218.960%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	209223	92.182	ug/l	99
3) Chloromethane	1.288	50	188590	82.477	ug/l	100
4) Vinyl Chloride	1.374	62	242815	92.929	ug/l	99
5) Bromomethane	1.605	94	78336	66.877	ug/l	100
6) Chloroethane	1.673	64	134438	85.218	ug/l	96
7) Trichlorofluoromethane	1.880	101	352598	89.747	ug/l	96
8) Diethyl Ether	2.136	74	138155	90.368	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	229917	93.051	ug/l	98
10) Methyl Iodide	2.453	142	248913	129.776	ug/l	95
11) Tert butyl alcohol	3.008	59	287334	389.612	ug/l	98
12) 1,1-Dichloroethene	2.319	96	231178	96.843	ug/l	100
13) Acrolein	2.240	56	171471	535.417	ug/l	100
14) Allyl chloride	2.660	41	381175	87.031	ug/l	96
15) Acrylonitrile	3.069	53	711489	440.210	ug/l	99
16) Acetone	2.386	43	561883	402.952	ug/l	99
17) Carbon Disulfide	2.508	76	611679	97.066	ug/l	98
18) Methyl Acetate	2.709	43	341638	84.584	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	777211	95.887	ug/l	96
20) Methylene Chloride	2.788	84	258237	84.613	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	246997	93.341	ug/l	96
22) Diisopropyl ether	3.770	45	768202	91.221	ug/l #	84
23) Vinyl Acetate	3.727	43	3204788	467.972	ug/l	97
24) 1,1-Dichloroethane	3.611	63	453923	90.985	ug/l	99
25) 2-Butanone	4.568	43	965566	423.484	ug/l	98
26) 2,2-Dichloropropane	4.483	77	338500	99.853	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	290499	96.581	ug/l	99
28) Bromochloromethane	4.904	49	141237	85.223	ug/l	92
29) Tetrahydrofuran	5.013	42	630495	430.746	ug/l	96
30) Chloroform	5.099	83	463989	91.578	ug/l	100
31) Cyclohexane	5.477	56	405771	93.652	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	403877	94.295	ug/l	97
36) 1,1-Dichloropropene	5.696	75	346659	90.984	ug/l	97
37) Ethyl Acetate	4.727	43	370037	88.069	ug/l	99
38) Carbon Tetrachloride	5.684	117	351556	93.866	ug/l	96
39) Methylcyclohexane	7.385	83	446741	100.432	ug/l	95
40) Benzene	6.044	78	1030453	94.091	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	204899	87.482	ug/l	97
42) 1,2-Dichloroethane	6.092	62	340637	89.197	ug/l	99
43) Isopropyl Acetate	6.349	43	609013	94.857	ug/l	99
44) Trichloroethene	7.129	130	294660	96.486	ug/l	100
45) 1,2-Dichloropropane	7.434	63	270249	89.815	ug/l	100
46) Dibromomethane	7.586	93	187487	91.950	ug/l	98
47) Bromodichloromethane	7.824	83	365120	95.066	ug/l	96
48) Methyl methacrylate	7.696	41	283598	87.735	ug/l	91
49) 1,4-Dioxane	7.678	88	141909	1681.051	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1836526	428.163	ug/l	93
52) Toluene	8.720	92	647679	97.027	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	397878	102.705	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	429695	99.303	ug/l	91
55) 1,1,2-Trichloroethane	9.159	97	269193	95.316	ug/l	97
56) Ethyl methacrylate	9.122	69	425539	98.898	ug/l	92
57) 1,3-Dichloropropane	9.311	76	447095	91.013	ug/l	99
59) 2-Hexanone	9.433	43	1408791	421.048	ug/l	94
60) Dibromochloromethane	9.525	129	288477	99.599	ug/l	98
61) 1,2-Dibromoethane	9.616	107	292496	95.541	ug/l	98
64) Tetrachloroethene	9.275	164	281128	99.799	ug/l	97
65) Chlorobenzene	10.086	112	693404	96.832	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	258301	101.575	ug/l	99
67) Ethyl Benzene	10.195	91	1299808	102.366	ug/l	95
68) m/p-Xylenes	10.305	106	980167	202.291	ug/l	94
69) o-Xylene	10.647	106	482431	101.242	ug/l	97
70) Styrene	10.659	104	821364	104.430	ug/l	99
71) Bromoform	10.805	173	215521	108.463	ug/l #	99
73) Isopropylbenzene	10.964	105	1251329	97.922	ug/l	99
74) N-amyl acetate	10.848	43	497022	96.089	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.214	83	403914	89.613	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	395914m	93.973	ug/l	
77) Bromobenzene	11.201	156	303522	98.065	ug/l	95
78) n-propylbenzene	11.305	91	1480525	99.805	ug/l	99
79) 2-Chlorotoluene	11.366	91	899309	97.162	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	1070943	97.881	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.025	75	138561	107.749	ug/l	92
82) 4-Chlorotoluene	11.457	91	998383	95.403	ug/l	100
83) tert-Butylbenzene	11.720	119	1021881	97.198	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	1123153	101.282	ug/l	97
85) sec-Butylbenzene	11.896	105	1384364	99.782	ug/l	100
86) p-Isopropyltoluene	12.012	119	1154545	101.368	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	613531	100.787	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	590851	93.782	ug/l	98
89) n-Butylbenzene	12.335	91	1113494	107.769	ug/l	100
90) Hexachloroethane	12.543	117	211129	103.524	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	603186	98.150	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	110719	95.516	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	412221	106.716	ug/l	98
94) Hexachlorobutadiene	13.725	225	164200	103.480	ug/l	98
95) Naphthalene	13.774	128	1523993	109.923	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	413990	107.731	ug/l	99

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

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