

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032522\
 Data File : VX027699.D
 Acq On : 25 Mar 2022 13:41
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 25 14:11:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 13:56:08 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/26/2022
 Supervised By : Mahesh Dadoda 03/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	67928	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	111993	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	102171	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47422	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110198	128.622	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 257.240%#			
35) Dibromofluoromethane	5.391	113	77718	112.200	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 224.400%#			
50) Toluene-d8	8.653	98	289740	110.472	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 220.940%#			
62) 4-Bromofluorobenzene	11.085	95	116835	118.394	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 236.780%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	83468	123.601	ug/l	100
3) Chloromethane	1.294	50	73538	121.362	ug/l	99
4) Vinyl Chloride	1.374	62	77316	113.658	ug/l	98
5) Bromomethane	1.593	94	27872	78.628	ug/l	96
6) Chloroethane	1.672	64	42239	102.666	ug/l	96
7) Trichlorofluoromethane	1.880	101	110991	101.402	ug/l	100
8) Diethyl Ether	2.136	74	38131	94.010	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.325	101	72661	109.890	ug/l	92
10) Methyl Iodide	2.447	142	81914	97.774	ug/l #	87
11) Tert butyl alcohol	2.977	59	103057	617.887	ug/l	100
12) 1,1-Dichloroethene	2.312	96	67659	106.357	ug/l	83
13) Acrolein	2.239	56	69333	556.598	ug/l	94
14) Allyl chloride	2.660	41	142711	136.480	ug/l #	90
15) Acrylonitrile	3.068	53	249630	649.368	ug/l	99
16) Acetone	2.386	43	226416	641.334	ug/l	88
17) Carbon Disulfide	2.508	76	185958	114.224	ug/l	99
18) Methyl Acetate	2.709	43	119428	135.363	ug/l #	87
19) Methyl tert-butyl Ether	3.117	73	265168	120.532	ug/l	98
20) Methylene Chloride	2.788	84	78640	104.999	ug/l #	84
21) trans-1,2-Dichloroethene	3.087	96	72811	107.180	ug/l #	84
22) Diisopropyl ether	3.769	45	273656	135.240	ug/l	94
23) Vinyl Acetate	3.727	43	1244798	703.427	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	152955	125.343	ug/l	96
25) 2-Butanone	4.562	43	339978	630.023	ug/l	90
26) 2,2-Dichloropropane	4.477	77	115853	119.642	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	85919	109.100	ug/l	91
28) Bromochloromethane	4.903	49	58360	119.552	ug/l	87
29) Tetrahydrofuran	5.013	42	201117	597.394	ug/l	90
30) Chloroform	5.099	83	144271	110.314	ug/l	99
31) Cyclohexane	5.470	56	131524	123.062	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	131178	111.083	ug/l	97
36) 1,1-Dichloropropene	5.696	75	112456	113.835	ug/l	96
37) Ethyl Acetate	4.721	43	131243	128.887	ug/l	96
38) Carbon Tetrachloride	5.684	117	114527	103.886	ug/l	99
39) Methylcyclohexane	7.385	83	132512	106.703	ug/l	92
40) Benzene	6.043	78	312728	109.527	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	63395	113.992	ug/l	92
42) 1,2-Dichloroethane	6.092	62	124354	113.359	ug/l	95
43) Isopropyl Acetate	6.342	43	212328	128.147	ug/l #	92
44) Trichloroethene	7.129	130	77967	93.180	ug/l	85
45) 1,2-Dichloropropane	7.433	63	83516	114.141	ug/l	97
46) Dibromomethane	7.580	93	57705	104.230	ug/l	90
47) Bromodichloromethane	7.824	83	116849	111.493	ug/l	99
48) Methyl methacrylate	7.696	41	93753	114.536	ug/l	85
49) 1,4-Dioxane	7.665	88	41063	2083.543	ug/l #	87
51) 4-Methyl-2-Pentanone	8.580	43	699682	663.216	ug/l	89
52) Toluene	8.720	92	197470	105.994	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	130869	123.049	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	138037	118.358	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	79384	105.225	ug/l	94
56) Ethyl methacrylate	9.122	69	142267	122.919	ug/l #	77
57) 1,3-Dichloropropane	9.311	76	141418	112.579	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	350867	631.242	ug/l	94
59) 2-Hexanone	9.433	43	548865	676.451	ug/l	84
60) Dibromochloromethane	9.525	129	82512	100.727	ug/l	97
61) 1,2-Dibromoethane	9.610	107	84489	102.045	ug/l	100
64) Tetrachloroethene	9.275	164	66752	86.212	ug/l	92
65) Chlorobenzene	10.079	112	201648	97.206	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	73142	95.561	ug/l	100
67) Ethyl Benzene	10.195	91	386014	106.459	ug/l	100
68) m/p-Xylenes	10.305	106	283139	200.593	ug/l	88
69) o-Xylene	10.646	106	140959	102.966	ug/l	92
70) Styrene	10.659	104	235779	105.406	ug/l #	92
71) Bromoform	10.805	173	58402	96.669	ug/l #	100
73) Isopropylbenzene	10.963	105	373898	106.929	ug/l	96
74) N-amyl acetate	10.847	43	191644	145.209	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	129383	114.863	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	124902m	120.939	ug/l	
77) Bromobenzene	11.201	156	81002	95.006	ug/l	78
78) n-propylbenzene	11.305	91	450303	115.774	ug/l	97
79) 2-Chlorotoluene	11.366	91	275381	113.193	ug/l	91
80) 1,3,5-Trimethylbenzene	11.457	105	323930	109.943	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.024	75	42020	125.385	ug/l #	81
82) 4-Chlorotoluene	11.457	91	320155	115.148	ug/l	93
83) tert-Butylbenzene	11.719	119	300547	104.379	ug/l	85
84) 1,2,4-Trimethylbenzene	11.756	105	326282	110.824	ug/l	94
85) sec-Butylbenzene	11.890	105	389692	110.663	ug/l	96
86) p-Isopropyltoluene	12.012	119	318124	106.247	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	155347	97.581	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	156840	97.221	ug/l	94
89) n-Butylbenzene	12.335	91	304624	119.810	ug/l	95
90) Hexachloroethane	12.542	117	54272	114.223	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	147303	94.486	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	34487	132.453	ug/l	65
93) 1,2,4-Trichlorobenzene	13.591	180	91104	90.898	ug/l	98
94) Hexachlorobutadiene	13.725	225	42883	96.262	ug/l	92
95) Naphthalene	13.780	128	344396	104.533	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	90735	89.837	ug/l	95

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

