

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040722\
 Data File : VX028014.D
 Acq On : 07 Apr 2022 16:26
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 07 16:57:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 07 15:36:43 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/08/2022
 Supervised By : Mahesh Dadoda 04/08/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	77368	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	126715	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62243	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	113484	86.248	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 172.500%#			
35) Dibromofluoromethane	5.391	113	84656	96.111	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 192.220%#			
50) Toluene-d8	8.653	98	301850	96.972	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 193.940%#			
62) 4-Bromofluorobenzene	11.085	95	131302	101.062	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 202.120%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	103255	88.197	ug/l	99
3) Chloromethane	1.288	50	83085	86.337	ug/l	99
4) Vinyl Chloride	1.374	62	86781	91.451	ug/l	99
5) Bromomethane	1.599	94	36034	81.397	ug/l	98
6) Chloroethane	1.672	64	49534	77.770	ug/l	96
7) Trichlorofluoromethane	1.880	101	135887	84.840	ug/l	96
8) Diethyl Ether	2.136	74	45550	84.932	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	79939	85.225	ug/l	96
10) Methyl Iodide	2.453	142	108048	98.317	ug/l	96
11) Tert butyl alcohol	2.977	59	106534	491.951	ug/l	99
12) 1,1-Dichloroethene	2.318	96	76598	85.778	ug/l	92
13) Acrolein	2.233	56	87320	416.079	ug/l	97
14) Allyl chloride	2.660	41	133278	92.712	ug/l	93
15) Acrylonitrile	3.062	53	235962	452.532	ug/l	97
16) Acetone	2.379	43	196060	394.148	ug/l	94
17) Carbon Disulfide	2.507	76	194926	87.390	ug/l	100
18) Methyl Acetate	2.703	43	108750	85.647	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	271142	90.693	ug/l	100
20) Methylene Chloride	2.788	84	85459	85.701	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	79876	90.818	ug/l	92
22) Diisopropyl ether	3.763	45	265360	89.646	ug/l	91
23) Vinyl Acetate	3.721	43	1205762	462.411	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	151430	88.696	ug/l	96
25) 2-Butanone	4.556	43	364394	449.609	ug/l	90
26) 2,2-Dichloropropane	4.477	77	128436	92.108	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	94824	91.524	ug/l	93
28) Bromochloromethane	4.897	49	65807	90.229	ug/l	91
29) Tetrahydrofuran	5.007	42	228645	438.972	ug/l	86
30) Chloroform	5.098	83	166090	88.760	ug/l	96
31) Cyclohexane	5.470	56	138094	89.956	ug/l	90
32) 1,1,1-Trichloroethane	5.391	97	151768	92.810	ug/l	98
36) 1,1-Dichloropropene	5.696	75	120440	92.787	ug/l	100
37) Ethyl Acetate	4.714	43	136815	89.395	ug/l	96
38) Carbon Tetrachloride	5.678	117	133888	97.669	ug/l	98
39) Methylcyclohexane	7.385	83	140374	94.703	ug/l	91
40) Benzene	6.043	78	333548	92.539	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	73432	89.987	ug/l	89
42) 1,2-Dichloroethane	6.086	62	140602	90.226	ug/l	93
43) Isopropyl Acetate	6.342	43	217221	93.601	ug/l	92
44) Trichloroethene	7.129	130	90774	93.533	ug/l	93
45) 1,2-Dichloropropane	7.433	63	85474	95.640	ug/l	98
46) Dibromomethane	7.580	93	65491	90.493	ug/l	92
47) Bromodichloromethane	7.824	83	129403	98.287	ug/l	98
48) Methyl methacrylate	7.696	41	111054	95.893	ug/l #	82
49) 1,4-Dioxane	7.659	88	45852	2024.927	ug/l #	92
51) 4-Methyl-2-Pentanone	8.580	43	714792	474.321	ug/l	90
52) Toluene	8.720	92	214677	94.487	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	137519	103.524	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	143372	100.890	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	88336	96.504	ug/l	96
56) Ethyl methacrylate	9.116	69	149633	103.756	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	148024	94.474	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	354676	511.318	ug/l	98
59) 2-Hexanone	9.433	43	568228	473.840	ug/l	86
60) Dibromochloromethane	9.525	129	98145	105.525	ug/l	97
61) 1,2-Dibromoethane	9.610	107	98519	98.918	ug/l	99
64) Tetrachloroethene	9.275	164	84056	94.985	ug/l	90
65) Chlorobenzene	10.079	112	235206	92.982	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	90775	98.058	ug/l	98
67) Ethyl Benzene	10.195	91	440628	94.787	ug/l	99
68) m/p-Xylenes	10.305	106	331522	191.768	ug/l	91
69) o-Xylene	10.646	106	162044	94.967	ug/l	90
70) Styrene	10.658	104	280416	99.751	ug/l	94
71) Bromoform	10.805	173	74804	108.905	ug/l	100
73) Isopropylbenzene	10.963	105	441331	89.419	ug/l	98
74) N-amyl acetate	10.847	43	199896	89.117	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	144901	84.772	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	134670m	83.769	ug/l	
77) Bromobenzene	11.201	156	105793	91.417	ug/l	91
78) n-propylbenzene	11.305	91	525716	88.697	ug/l	99
79) 2-Chlorotoluene	11.366	91	321165	87.721	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	386154	90.101	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.024	75	46097	102.864	ug/l #	84
82) 4-Chlorotoluene	11.457	91	374852	87.495	ug/l	97
83) tert-Butylbenzene	11.719	119	366071	92.849	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	387916	90.971	ug/l	97
85) sec-Butylbenzene	11.890	105	463036	92.379	ug/l	99
86) p-Isopropyltoluene	12.012	119	393660	94.916	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	202780	93.613	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	205015	92.690	ug/l	97
89) n-Butylbenzene	12.335	91	353104	94.164	ug/l	97
90) Hexachloroethane	12.542	117	62905	99.606	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	193421	91.703	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	38097	88.272	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	122125	95.726	ug/l	98
94) Hexachlorobutadiene	13.725	225	52428	89.975	ug/l	94
95) Naphthalene	13.780	128	431206	97.170	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	120776	95.838	ug/l	96

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

