

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062822\
 Data File : VX029831.D
 Acq On : 28 Jun 2022 15:39
 Operator : JC/MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Quant Time: Jun 29 05:30:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:28:22 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2022
 Supervised By :Semsettin Yesilyurt 06/30/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	217134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	385989	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	337681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	24158	7.332	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	14.660%#		
35) Dibromofluoromethane	5.385	113	21428	8.607	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	17.220%#		
50) Toluene-d8	8.653	98	80572	8.319	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	16.640%#		
62) 4-Bromofluorobenzene	11.085	95	27804	7.889	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	15.780%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22732	8.713	ug/l	99
3) Chloromethane	1.288	50	25969	8.803	ug/l	91
4) Vinyl Chloride	1.374	62	25208	8.194	ug/l	97
5) Bromomethane	1.611	94	13748	15.327	ug/l	96
6) Chloroethane	1.691	64	15478	9.207	ug/l	96
7) Trichlorofluoromethane	1.886	101	30842	8.644	ug/l	97
8) Diethyl Ether	2.136	74	14258	8.468	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	20992	8.316	ug/l	98
10) Methyl Iodide	2.453	142	24082	8.207	ug/l	97
11) Tert butyl alcohol	2.983	59	37653	39.581	ug/l	96
12) 1,1-Dichloroethene	2.319	96	22006	8.495	ug/l	95
13) Acrolein	2.239	56	15891	28.882	ug/l	98
14) Allyl chloride	2.666	41	39505	8.365	ug/l	98
15) Acrylonitrile	3.069	53	80958	41.621	ug/l	100
16) Acetone	2.392	43	63990	40.486	ug/l	100
17) Carbon Disulfide	2.514	76	54170	8.202	ug/l	97
18) Methyl Acetate	2.709	43	38993	8.174	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	71314	7.935	ug/l	99
20) Methylene Chloride	2.794	84	26989	8.300	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	23787	8.574	ug/l	98
22) Diisopropyl ether	3.764	45	80384	8.272	ug/l	98
23) Vinyl Acetate	3.727	43	348382	42.166	ug/l	99
24) 1,1-Dichloroethane	3.611	63	42352	8.067	ug/l	99
25) 2-Butanone	4.568	43	111757	41.645	ug/l	98
26) 2,2-Dichloropropane	4.483	77	27076	7.434	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	28568	8.401	ug/l	96
28) Bromochloromethane	4.904	49	14999	7.107	ug/l	98
29) Tetrahydrofuran	5.019	42	74700	41.879	ug/l	99
30) Chloroform	5.105	83	41952	8.189	ug/l	96
31) Cyclohexane	5.471	56	38316	8.037	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	32489	8.207	ug/l	99
36) 1,1-Dichloropropene	5.696	75	31376	8.775	ug/l	96
37) Ethyl Acetate	4.721	43	42530	9.487	ug/l	98
38) Carbon Tetrachloride	5.684	117	26247	8.965	ug/l	99
39) Methylcyclohexane	7.385	83	37646	8.701	ug/l	98
40) Benzene	6.044	78	100431	8.896	ug/l	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	22082	8.621	ug/l	96
42) 1,2-Dichloroethane	6.092	62	30681	8.421	ug/l	98
43) Isopropyl Acetate	6.348	43	61939	9.024	ug/l	98
44) Trichloroethene	7.129	130	25390	9.049	ug/l	91
45) 1,2-Dichloropropane	7.440	63	26291	8.747	ug/l	91
46) Dibromomethane	7.586	93	17447	9.039	ug/l	98
47) Bromodichloromethane	7.824	83	30103	8.766	ug/l	95
48) Methyl methacrylate	7.696	41	29878	8.775	ug/l	97
49) 1,4-Dioxane	7.690	88	14071	171.719	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	210862	46.438	ug/l	100
52) Toluene	8.720	92	59969	8.891	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	31096	8.397	ug/l	95
54) cis-1,3-Dichloropropene	8.372	75	36427	8.457	ug/l	95
55) 1,1,2-Trichloroethane	9.159	97	25438	8.886	ug/l	99
56) Ethyl methacrylate	9.122	69	41099	8.885	ug/l	98
57) 1,3-Dichloropropane	9.311	76	42391	8.898	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	96025	43.521	ug/l	99
59) 2-Hexanone	9.433	43	163026	46.339	ug/l	100
60) Dibromochloromethane	9.525	129	22331	9.135	ug/l	98
61) 1,2-Dibromoethane	9.610	107	25644	9.044	ug/l	99
64) Tetrachloroethene	9.275	164	19304	9.846	ug/l	97
65) Chlorobenzene	10.079	112	65089	9.151	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	21269	9.182	ug/l	98
67) Ethyl Benzene	10.195	91	113530	8.902	ug/l	99
68) m/p-Xylenes	10.305	106	87855	18.229	ug/l	99
69) o-Xylene	10.646	106	43873	9.141	ug/l	100
70) Styrene	10.659	104	70864	8.981	ug/l	99
71) Bromoform	10.805	173	14719	9.375	ug/l #	98
73) Isopropylbenzene	10.963	105	109516	8.653	ug/l	99
74) N-amyl acetate	10.842	43	52747	8.553	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	42898	8.604	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	35061m	8.092	ug/l	
77) Bromobenzene	11.201	156	25790	9.071	ug/l	97
78) n-propylbenzene	11.305	91	127206	8.350	ug/l	99
79) 2-Chlorotoluene	11.366	91	75731	8.216	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	90047	8.486	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10077	7.135	ug/l	88
82) 4-Chlorotoluene	11.457	91	84640	8.083	ug/l	100
83) tert-Butylbenzene	11.719	119	88970	8.639	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	90265	8.448	ug/l	100
85) sec-Butylbenzene	11.890	105	109877	8.245	ug/l	99
86) p-Isopropyltoluene	12.012	119	90277	8.565	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	48036	8.865	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	48582	8.840	ug/l	97
89) n-Butylbenzene	12.335	91	78622	7.984	ug/l	99
90) Hexachloroethane	12.542	117	13296	8.330	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	49365	9.123	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8397	7.520	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	29057	9.252	ug/l	99
94) Hexachlorobutadiene	13.725	225	10568	9.341	ug/l	99
95) Naphthalene	13.780	128	119480	9.022	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	30881	9.698	ug/l	98

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

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