

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022322\
 Data File : VX027137.D
 Acq On : 23 Feb 2022 11:28
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Feb 23 12:37:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 12:34:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/24/2022
 Supervised By : Mahesh Dadoda 02/24/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	89117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	142372	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	21475	19.891	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	39.780%#		
35) Dibromofluoromethane	5.391	113	17869	20.617	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	41.240%#		
50) Toluene-d8	8.653	98	67203	21.052	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	42.100%#		
62) 4-Bromofluorobenzene	11.086	95	25505	22.204	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	44.400%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	16996	17.797	ug/l	95
3) Chloromethane	1.295	50	16425	18.322	ug/l	99
4) Vinyl Chloride	1.380	62	15730	16.911	ug/l	100
5) Bromomethane	1.605	94	9669	24.572	ug/l	100
6) Chloroethane	1.691	64	9711	19.631	ug/l	98
7) Trichlorofluoromethane	1.892	101	24805	18.033	ug/l	99
8) Diethyl Ether	2.136	74	8895	17.460	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.337	101	17495	19.165	ug/l	97
10) Methyl Iodide	2.459	142	22751	19.220	ug/l	97
11) Tert butyl alcohol	2.959	59	20101	101.505	ug/l	96
12) 1,1-Dichloroethene	2.325	96	17208	18.901	ug/l	91
13) Acrolein	2.240	56	17138	94.595	ug/l	99
14) Allyl chloride	2.672	41	29460	18.264	ug/l	95
15) Acrylonitrile	3.069	53	54467	97.941	ug/l	99
16) Acetone	2.380	43	47295	99.915	ug/l	94
17) Carbon Disulfide	2.520	76	43124	16.932	ug/l	98
18) Methyl Acetate	2.709	43	24172	17.918	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	58658	18.198	ug/l	100
20) Methylene Chloride	2.794	84	18688	18.286	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	18469	19.244	ug/l	94
22) Diisopropyl ether	3.764	45	59515	18.382	ug/l	93
23) Vinyl Acetate	3.727	43	251728	92.426	ug/l	96
24) 1,1-Dichloroethane	3.617	63	33097	18.807	ug/l	99
25) 2-Butanone	4.562	43	76049	99.834	ug/l	96
26) 2,2-Dichloropropane	4.483	77	23110	19.244	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	21331	19.311	ug/l	94
28) Bromochloromethane	4.904	49	13966	19.139	ug/l	91
29) Tetrahydrofuran	5.007	42	50996	98.709	ug/l	97
30) Chloroform	5.099	83	34216	18.656	ug/l	99
31) Cyclohexane	5.477	56	31040	18.328	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	29481	18.311	ug/l	99
36) 1,1-Dichloropropene	5.702	75	25174	18.721	ug/l	98
37) Ethyl Acetate	4.721	43	28610	18.860	ug/l	97
38) Carbon Tetrachloride	5.684	117	26282	18.625	ug/l	95
39) Methylcyclohexane	7.385	83	30874	18.739	ug/l	97
40) Benzene	6.044	78	74374	18.979	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	15653	19.009	ug/l	96
42) 1,2-Dichloroethane	6.093	62	26775	19.417	ug/l	96
43) Isopropyl Acetate	6.342	43	43366	18.595	ug/l	98
44) Trichloroethene	7.129	130	21771	18.536	ug/l	94
45) 1,2-Dichloropropane	7.434	63	18563	18.753	ug/l	94
46) Dibromomethane	7.586	93	13255	19.262	ug/l	95
47) Bromodichloromethane	7.824	83	25579	19.494	ug/l	99
48) Methyl methacrylate	7.696	41	21249	18.348	ug/l	95
49) 1,4-Dioxane	7.665	88	9986	478.586	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	146704	102.098	ug/l	97
52) Toluene	8.720	92	48312	19.379	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	24997	19.484	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	28632	19.686	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	19409	20.461	ug/l	96
56) Ethyl methacrylate	9.116	69	29698	19.753	ug/l	93
57) 1,3-Dichloropropane	9.311	76	32428	19.982	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	69948	92.733	ug/l	97
59) 2-Hexanone	9.433	43	112468	106.155	ug/l	96
60) Dibromochloromethane	9.525	129	19842	20.324	ug/l	99
61) 1,2-Dibromoethane	9.610	107	20522	20.416	ug/l	99
64) Tetrachloroethene	9.275	164	22914	18.039	ug/l	96
65) Chlorobenzene	10.080	112	51616	19.318	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	18828	19.222	ug/l	99
67) Ethyl Benzene	10.195	91	91667	19.441	ug/l	99
68) m/p-Xylenes	10.305	106	71790	39.377	ug/l	96
69) o-Xylene	10.640	106	35634	19.925	ug/l	95
70) Styrene	10.659	104	57471	19.727	ug/l	98
71) Bromoform	10.799	173	13793	19.988	ug/l #	99
73) Isopropylbenzene	10.964	105	91430	18.770	ug/l	98
74) N-amyl acetate	10.848	43	34736	17.880	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	27229	20.214	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	26221m	19.262	ug/l	
77) Bromobenzene	11.201	156	22232	18.998	ug/l	95
78) n-propylbenzene	11.305	91	103989	19.175	ug/l	99
79) 2-Chlorotoluene	11.366	91	63395	18.864	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	77025	19.082	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	7272	18.372	ug/l	98
82) 4-Chlorotoluene	11.457	91	72521	19.242	ug/l	98
83) tert-Butylbenzene	11.720	119	74131	19.190	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	77059	18.913	ug/l	97
85) sec-Butylbenzene	11.890	105	93361	19.101	ug/l	98
86) p-Isopropyltoluene	12.012	119	79946	19.303	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	41789	19.379	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	42628	19.598	ug/l	99
89) n-Butylbenzene	12.335	91	65438	19.229	ug/l	99
90) Hexachloroethane	12.543	117	11531	19.037	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	41428	19.934	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6092	18.678	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	25914	19.734	ug/l	99
94) Hexachlorobutadiene	13.725	225	10581	19.110	ug/l	99
95) Naphthalene	13.774	128	90517	19.773	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	25663	19.322	ug/l	96

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

