

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090122\
 Data File : VX031022.D
 Acq On : 01 Sep 2022 12:10
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 01 13:23:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 01 13:21:01 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/02/2022
 Supervised By : Mahesh Dadoda 09/02/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	193802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	321918	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	288263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	52361	18.837	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	37.680%#		
35) Dibromofluoromethane	5.391	113	49068	20.678	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	41.360%#		
50) Toluene-d8	8.653	98	181723	20.678	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	41.360%#		
62) 4-Bromofluorobenzene	11.079	95	64411	20.582	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	41.160%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	42535	20.746	ug/l	97
3) Chloromethane	1.288	50	33458	16.191	ug/l	97
4) Vinyl Chloride	1.374	62	42345	17.346	ug/l	99
5) Bromomethane	1.611	94	18019	19.804	ug/l	98
6) Chloroethane	1.685	64	23375	15.925	ug/l	98
7) Trichlorofluoromethane	1.886	101	72224	19.452	ug/l	98
8) Diethyl Ether	2.136	74	25018	17.459	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	48816	20.445	ug/l	94
10) Methyl Iodide	2.453	142	37079	20.569	ug/l	98
11) Tert butyl alcohol	2.989	59	57450	87.236	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	46312	19.663	ug/l	96
13) Acrolein	2.239	56	45759	151.835	ug/l	98
14) Allyl chloride	2.666	41	61523	16.100	ug/l #	92
15) Acrylonitrile	3.069	53	122749	84.408	ug/l	97
16) Acetone	2.392	43	96802	77.160	ug/l	97
17) Carbon Disulfide	2.514	76	115458	18.574	ug/l	99
18) Methyl Acetate	2.709	43	57161	15.532	ug/l #	89
19) Methyl tert-butyl Ether	3.117	73	144945	18.894	ug/l	91
20) Methylene Chloride	2.788	84	52550	18.423	ug/l	86
21) trans-1,2-Dichloroethene	3.093	96	50233	19.669	ug/l	90
22) Diisopropyl ether	3.764	45	128279	16.292	ug/l #	91
23) Vinyl Acetate	3.727	43	521372	82.538	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	84026	18.223	ug/l	99
25) 2-Butanone	4.568	43	155446	76.540	ug/l	92
26) 2,2-Dichloropropane	4.483	77	65442	18.834	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	57600	19.572	ug/l	95
28) Bromochloromethane	4.898	49	26785	17.958	ug/l #	69
29) Tetrahydrofuran	5.013	42	100507	76.499	ug/l #	84
30) Chloroform	5.099	83	92196	19.274	ug/l	97
31) Cyclohexane	5.471	56	71792	17.450	ug/l	89
32) 1,1,1-Trichloroethane	5.391	97	80922	19.956	ug/l	95
36) 1,1-Dichloropropene	5.696	75	67379	19.104	ug/l	99
37) Ethyl Acetate	4.721	43	57114	15.403	ug/l #	92
38) Carbon Tetrachloride	5.678	117	69480	20.692	ug/l	96
39) Methylcyclohexane	7.385	83	85263	19.764	ug/l	94
40) Benzene	6.044	78	200871	19.760	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	31269	15.526	ug/l #	87
42) 1,2-Dichloroethane	6.092	62	65065	19.268	ug/l	99
43) Isopropyl Acetate	6.348	43	91174	15.846	ug/l #	91
44) Trichloroethene	7.135	130	62418	20.843	ug/l	85
45) 1,2-Dichloropropane	7.434	63	51145	18.849	ug/l	97
46) Dibromomethane	7.586	93	37899	20.453	ug/l	93
47) Bromodichloromethane	7.824	83	70314	19.738	ug/l #	96
48) Methyl methacrylate	7.696	41	48419	16.812	ug/l	88
49) 1,4-Dioxane	7.690	88	30191	398.879	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	306258	80.644	ug/l	90
52) Toluene	8.720	92	127163	20.473	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	70097	19.501	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	80514	19.580	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	53890	20.002	ug/l	97
56) Ethyl methacrylate	9.116	69	77931	19.750	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	88519	19.921	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	202062	101.957	ug/l	96
59) 2-Hexanone	9.433	43	245319	86.869	ug/l	92
60) Dibromochloromethane	9.525	129	56176	20.980	ug/l	99
61) 1,2-Dibromoethane	9.610	107	57986	20.846	ug/l	100
64) Tetrachloroethene	9.275	164	58636	21.506	ug/l	94
65) Chlorobenzene	10.079	112	139652	20.488	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	51922	21.499	ug/l	97
67) Ethyl Benzene	10.195	91	247822	20.497	ug/l	99
68) m/p-Xylenes	10.305	106	194481	42.467	ug/l	99
69) o-Xylene	10.646	106	99945	22.299	ug/l	96
70) Styrene	10.659	104	158515	20.950	ug/l	97
71) Bromoform	10.799	173	40159	21.191	ug/l #	98
73) Isopropylbenzene	10.963	105	251038	21.392	ug/l	99
74) N-amyl acetate	10.848	43	75504	16.642	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	76111	18.931	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	72637m	19.891	ug/l	
77) Bromobenzene	11.201	156	63370	22.284	ug/l	88
78) n-propylbenzene	11.305	91	280556	20.400	ug/l	99
79) 2-Chlorotoluene	11.366	91	175111	20.500	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	211927	21.432	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21793	17.743	ug/l	94
82) 4-Chlorotoluene	11.457	91	193612	20.275	ug/l	99
83) tert-Butylbenzene	11.713	119	212190	21.860	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	213158	21.057	ug/l	100
85) sec-Butylbenzene	11.890	105	283790	22.525	ug/l	99
86) p-Isopropyltoluene	12.012	119	230897	22.091	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	120548	21.500	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	117479	20.435	ug/l	99
89) n-Butylbenzene	12.335	91	192924	19.721	ug/l	97
90) Hexachloroethane	12.542	117	39817	21.698	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	129247	22.725	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19101	19.046	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	78825	21.681	ug/l	99
94) Hexachlorobutadiene	13.725	225	33559	21.736	ug/l	99
95) Naphthalene	13.780	128	276509	21.265	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	83525	22.754	ug/l	94

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

