

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032221\
 Data File : VX021372.D
 Acq On : 22 Mar 2021 20:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/23/2021 10:48:41 AM

Quant Time: Mar 23 02:05:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	72867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	122202	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	118479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	57770	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	63649	53.26	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.52%			
35) Dibromofluoromethane	5.464	113	44504	53.52	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.04%			
50) Toluene-d8	8.694	98	159487	52.86	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.72%			
62) 4-Bromofluorobenzene	11.118	95	65036	55.51	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.02%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.181	85	43839	50.36	ug/l	97
3) Chloromethane	1.311	50	54166	42.92	ug/l	98
4) Vinyl Chloride	1.393	62	45024	50.78	ug/l	100
5) Bromomethane	1.622	94	21810	56.32	ug/l	95
6) Chloroethane	1.699	64	28061	51.79	ug/l	96
7) Trichlorofluoromethane	1.905	101	72668	54.37	ug/l	95
8) Diethyl Ether	2.170	74	24576	52.26	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.358	101	40427	53.09	ug/l	94
10) Methyl Iodide	2.487	142	35391	53.24	ug/l	90
11) Tert butyl alcohol	3.023	59	51980	258.89	ug/l	97
12) 1,1-Dichloroethene	2.352	96	37610	50.63	ug/l	86
13) Acrolein	2.276	56	37450	311.33	ug/l	99
14) Allyl chloride	2.705	41	76637	50.06	ug/l #	88
15) Acrylonitrile	3.117	53	129099	276.54	ug/l	97
16) Acetone	2.423	43	120903	274.94	ug/l #	87
17) Carbon Disulfide	2.546	76	101199	46.84	ug/l	100
18) Methyl Acetate	2.746	43	63638	52.81	ug/l	90
19) Methyl tert-butyl Ether	3.170	73	146439	52.53	ug/l	99
20) Methylene Chloride	2.834	84	45855	50.70	ug/l #	84
21) trans-1,2-Dichloroethene	3.140	96	41506	50.05	ug/l	91
22) Diisopropyl ether	3.823	45	156727	53.28	ug/l #	91
23) Vinyl Acetate	3.782	43	684458	266.73	ug/l #	92
24) 1,1-Dichloroethane	3.670	63	83618	52.64	ug/l	98
25) 2-Butanone	4.635	43	187425	277.16	ug/l	89
26) 2,2-Dichloropropane	4.552	77	62352	44.99	ug/l	97
27) cis-1,2-Dichloroethene	4.558	96	49984	52.46	ug/l	92
28) Bromochloromethane	4.976	49	40453	54.06	ug/l	85
29) Tetrahydrofuran	5.088	42	120460	269.72	ug/l	86
30) Chloroform	5.176	83	90130	54.50	ug/l	99
31) Cyclohexane	5.547	56	71193	49.28	ug/l	92
32) 1,1,1-Trichloroethane	5.458	97	78663	53.68	ug/l	96
36) 1,1-Dichloropropene	5.764	75	61132	49.65	ug/l	97
37) Ethyl Acetate	4.793	43	71942	50.42	ug/l #	93
38) Carbon Tetrachloride	5.752	117	68609	53.66	ug/l	97
39) Methylcyclohexane	7.441	83	69660	50.96	ug/l	93
40) Benzene	6.111	78	181093	53.37	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	42001	51.30	ug/l #	89
42) 1,2-Dichloroethane	6.164	62	79258	54.14	ug/l	93
43) Isopropyl Acetate	6.411	43	120765	51.62	ug/l #	91
44) Trichloroethene	7.188	130	46671	51.78	ug/l	95
45) 1,2-Dichloropropane	7.488	63	49628	54.44	ug/l	99
46) Dibromomethane	7.635	93	35722	53.54	ug/l	91
47) Bromodichloromethane	7.876	83	73810	55.17	ug/l	99
48) Methyl methacrylate	7.747	41	65426	52.72	ug/l #	81
49) 1,4-Dioxane	7.712	88	22836	1081.26	ug/l #	89
51) 4-Methyl-2-Pentanone	8.617	43	383811	281.93	ug/l	88
52) Toluene	8.765	92	116605	55.57	ug/l	100
53) t-1,3-Dichloropropene	9.023	75	74584	52.55	ug/l	98
54) cis-1,3-Dichloropropene	8.412	75	79967	52.76	ug/l #	82
55) 1,1,2-Trichloroethane	9.194	97	49202	57.32	ug/l	99
56) Ethyl methacrylate	9.159	69	75257	54.52	ug/l #	75
57) 1,3-Dichloropropane	9.353	76	83283	55.75	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.288	63	202520	268.45	ug/l	95
59) 2-Hexanone	9.471	43	287123	281.79	ug/l	85
60) Dibromochloromethane	9.565	129	56696	57.99	ug/l	100
61) 1,2-Dibromoethane	9.653	107	52065	55.34	ug/l	99
64) Tetrachloroethene	9.318	164	43154	48.77	ug/l	96
65) Chlorobenzene	10.124	112	124528	51.13	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	49033	54.26	ug/l	100
67) Ethyl Benzene	10.235	91	231825	51.46	ug/l	98
68) m/p-Xylenes	10.341	106	165746	102.99	ug/l	93
69) o-Xylene	10.682	106	80431	51.43	ug/l	93
70) Styrene	10.694	104	139336	53.10	ug/l	95
71) Bromoform	10.841	173	38777	53.07	ug/l #	97
73) Isopropylbenzene	11.000	105	223132	52.00	ug/l	99
74) N-amyl acetate	10.883	43	106468	48.91	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	75225	52.81	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	72892m	54.39	ug/l	
77) Bromobenzene	11.241	156	53722	52.76	ug/l	94
78) n-propylbenzene	11.341	91	257344	51.28	ug/l	98
79) 2-Chlorotoluene	11.406	91	154114	50.57	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	190042	52.34	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	23336	47.28	ug/l #	85
82) 4-Chlorotoluene	11.494	91	182437	50.84	ug/l	97
83) tert-Butylbenzene	11.753	119	187968	54.38	ug/l	94
84) 1,2,4-Trimethylbenzene	11.789	105	191908	51.97	ug/l	97
85) sec-Butylbenzene	11.930	105	211550	51.92	ug/l	99
86) p-Isopropyltoluene	12.047	119	193984	51.96	ug/l	96
87) 1,3-Dichlorobenzene	12.012	146	95370	51.36	ug/l	99
88) 1,4-Dichlorobenzene	12.083	146	93860	49.42	ug/l	97
89) n-Butylbenzene	12.371	91	171817	50.50	ug/l	97
90) Hexachloroethane	12.577	117	34883	61.35	ug/l	99
91) 1,2-Dichlorobenzene	12.377	146	94734	52.31	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.983	75	18187	49.78	ug/l	80
93) 1,2,4-Trichlorobenzene	13.630	180	61309	51.50	ug/l	98
94) Hexachlorobutadiene	13.765	225	24930	49.90	ug/l	95
95) Naphthalene	13.818	128	205816	50.23	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	59648	50.30	ug/l	97

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

