

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
 Data File : VX022285.D
 Acq On : 29 May 2021 05:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/2/2021 2:28:16 PM

Quant Time: May 29 06:06:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	70302	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	146575	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59877	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	61596	56.80	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.60%			
35) Dibromofluoromethane	5.397	113	46319	49.83	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.66%			
50) Toluene-d8	8.653	98	177666	49.62	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.24%			
62) 4-Bromofluorobenzene	11.085	95	68463	51.73	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.46%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	40620	47.53	ug/l	95
3) Chloromethane	1.295	50	46880	50.85	ug/l	99
4) Vinyl Chloride	1.374	62	49205	50.44	ug/l	97
5) Bromomethane	1.599	94	23049	40.53	ug/l	97
6) Chloroethane	1.679	64	30505	52.52	ug/l	97
7) Trichlorofluoromethane	1.880	101	69969	49.89	ug/l	100
8) Diethyl Ether	2.142	74	30452	50.48	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	41363	49.66	ug/l	93
10) Methyl Iodide	2.453	142	43983	49.14	ug/l	96
11) Tert butyl alcohol	2.983	59	71910	289.92	ug/l	100
12) 1,1-Dichloroethene	2.319	96	41544	51.56	ug/l	99
13) Acrolein	2.246	56	35413	215.27	ug/l	96
14) Allyl chloride	2.666	41	78902	53.32	ug/l	97
15) Acrylonitrile	3.075	53	150148	307.48	ug/l	100
16) Acetone	2.386	43	135189	286.29	ug/l	94
17) Carbon Disulfide	2.514	76	83126	39.39	ug/l	99
18) Methyl Acetate	2.709	43	81344	64.77	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	160586	58.18	ug/l	99
20) Methylene Chloride	2.794	84	54698	52.17	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	46932	53.55	ug/l	98
22) Diisopropyl ether	3.770	45	166199	58.31	ug/l	93
23) Vinyl Acetate	3.733	43	796469	290.22	ug/l	96
24) 1,1-Dichloroethane	3.617	63	94318	56.39	ug/l	98
25) 2-Butanone	4.568	43	232459	304.29	ug/l	95
26) 2,2-Dichloropropane	4.483	77	53061	35.74	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	59907	56.21	ug/l	98
28) Bromochloromethane	4.910	49	45382	55.93	ug/l	85
29) Tetrahydrofuran	5.019	42	136605	300.44	ug/l	90
30) Chloroform	5.105	83	94464	54.66	ug/l	98
31) Cyclohexane	5.477	56	66414	48.73	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	80838	54.74	ug/l	98
36) 1,1-Dichloropropene	5.696	75	66464	49.04	ug/l	99
37) Ethyl Acetate	4.727	43	89125	53.64	ug/l	95
38) Carbon Tetrachloride	5.684	117	62538	47.17	ug/l	100
39) Methylcyclohexane	7.385	83	63945	41.60	ug/l	96
40) Benzene	6.044	78	212198	50.88	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	49094	55.23	ug/l	95
42) 1,2-Dichloroethane	6.092	62	78437	53.69	ug/l	98
43) Isopropyl Acetate	6.348	43	150683	55.45	ug/l	95
44) Trichloroethene	7.129	130	53361	51.49	ug/l	89
45) 1,2-Dichloropropane	7.440	63	57590	54.14	ug/l	97
46) Dibromomethane	7.586	93	38059	52.73	ug/l #	87
47) Bromodichloromethane	7.830	83	74221	51.39	ug/l	99
48) Methyl methacrylate	7.702	41	70193	56.05	ug/l	91
49) 1,4-Dioxane	7.665	88	25209	1033.80	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	476651	292.80	ug/l	92
52) Toluene	8.726	92	131423	49.76	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	80728	48.42	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	86810	48.44	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	58061	54.15	ug/l	99
56) Ethyl methacrylate	9.122	69	96087	55.45	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	100273	54.78	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	250544	267.35	ug/l	96
59) 2-Hexanone	9.433	43	365015	298.13	ug/l	89
60) Dibromochloromethane	9.525	129	52248	50.09	ug/l	98
61) 1,2-Dibromoethane	9.616	107	57947	54.28	ug/l	100
64) Tetrachloroethene	9.275	164	42754	48.78	ug/l	92
65) Chlorobenzene	10.086	112	141014	50.75	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	50656	52.46	ug/l	96
67) Ethyl Benzene	10.195	91	256055	50.09	ug/l	100
68) m/p-Xylenes	10.305	106	190623	98.67	ug/l	99
69) o-Xylene	10.646	106	95431	50.79	ug/l	99
70) Styrene	10.659	104	162863	52.91	ug/l	98
71) Bromoform	10.805	173	33374	45.24	ug/l #	99
73) Isopropylbenzene	10.963	105	246742	48.69	ug/l	99
74) N-amyl acetate	10.848	43	138674	57.65	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.220	83	93890	55.90	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	82672m	55.97	ug/l	
77) Bromobenzene	11.201	156	54174	50.42	ug/l	87
78) n-propylbenzene	11.305	91	293395	49.43	ug/l	98
79) 2-Chlorotoluene	11.366	91	174201	48.39	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	207212	49.33	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	26941	43.21	ug/l	95
82) 4-Chlorotoluene	11.457	91	203850	49.15	ug/l	97
83) tert-Butylbenzene	11.719	119	194423	48.26	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	213533	50.51	ug/l	98
85) sec-Butylbenzene	11.896	105	248453	48.53	ug/l	98
86) p-Isopropyltoluene	12.012	119	207699	48.04	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	103590	50.00	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	105958	49.48	ug/l	96
89) n-Butylbenzene	12.335	91	193062	48.27	ug/l	97
90) Hexachloroethane	12.542	117	32088	44.91	ug/l	73
91) 1,2-Dichlorobenzene	12.341	146	103033	51.78	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19851	55.23	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	60914	50.73	ug/l	95
94) Hexachlorobutadiene	13.731	225	20041	42.76	ug/l	98
95) Naphthalene	13.780	128	266134	56.83	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	62088	51.29	ug/l	98

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

