

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
 Data File : VX022141.D
 Acq On : 24 May 2021 12:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda

5/25/2021 5:59:29 PM

Quant Time: May 24 15:50:18 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	5.556	168	94004	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	174874	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77197	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	70554	48.66	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.32%
35) Dibromofluoromethane	5.391	113	55554	50.10	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.20%
50) Toluene-d8	8.653	98	217242	50.85	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.70%
62) 4-Bromofluorobenzene	11.085	95	84451	53.49	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.98%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	60659	53.08	ug/l	99
3) Chloromethane	1.294	50	60729	49.26	ug/l	98
4) Vinyl Chloride	1.374	62	69202	53.05	ug/l	100
5) Bromomethane	1.599	94	35007	46.03	ug/l	98
6) Chloroethane	1.679	64	42159	54.28	ug/l	99
7) Trichlorofluoromethane	1.880	101	100667	53.68	ug/l	99
8) Diethyl Ether	2.136	74	40079	49.69	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.325	101	58144	52.21	ug/l	92
10) Methyl Iodide	2.453	142	63940	53.42	ug/l	95
11) Tert butyl alcohol	2.983	59	90657	273.34	ug/l	99
12) 1,1-Dichloroethene	2.313	96	53869	50.00	ug/l	89
13) Acrolein	2.239	56	67202	305.51	ug/l	99
14) Allyl chloride	2.666	41	105396	53.26	ug/l	97
15) Acrylonitrile	3.068	53	182466	279.45	ug/l	99
16) Acetone	2.392	43	184694	292.51	ug/l	98
17) Carbon Disulfide	2.508	76	137638	48.78	ug/l	99
18) Methyl Acetate	2.709	43	90542	53.92	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	197126	53.41	ug/l	99
20) Methylene Chloride	2.794	84	68028	48.52	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	62648	53.46	ug/l	95
22) Diisopropyl ether	3.770	45	206483	54.18	ug/l	97
23) Vinyl Acetate	3.727	43	996484	271.55	ug/l	96
24) 1,1-Dichloroethane	3.611	63	120603	53.92	ug/l	98
25) 2-Butanone	4.568	43	294538	288.34	ug/l	93
26) 2,2-Dichloropropane	4.477	77	107122	53.95	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	75927	53.28	ug/l	100
28) Bromochloromethane	4.904	49	52903	48.76	ug/l	83
29) Tetrahydrofuran	5.019	42	164189	270.06	ug/l	91
30) Chloroform	5.099	83	122423	52.98	ug/l	100
31) Cyclohexane	5.471	56	94477	51.85	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	104683	53.01	ug/l	98
36) 1,1-Dichloropropene	5.696	75	89205	55.17	ug/l	99
37) Ethyl Acetate	4.727	43	109379	55.18	ug/l	96
38) Carbon Tetrachloride	5.678	117	89032	56.28	ug/l	99
39) Methylcyclohexane	7.385	83	101192	55.18	ug/l	98
40) Benzene	6.044	78	276668	55.61	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	57728	54.44	ug/l	96
42) 1,2-Dichloroethane	6.092	62	96400	55.30	ug/l	98
43) Isopropyl Acetate	6.348	43	181917	56.11	ug/l	95
44) Trichloroethene	7.129	130	68723	55.58	ug/l	92
45) 1,2-Dichloropropane	7.434	63	72363	57.01	ug/l	99
46) Dibromomethane	7.586	93	47838	55.56	ug/l #	87
47) Bromodichloromethane	7.824	83	97301	56.47	ug/l	98
48) Methyl methacrylate	7.696	41	84257	56.39	ug/l	93
49) 1,4-Dioxane	7.659	88	35324	1214.19	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	577136	297.16	ug/l	92
52) Toluene	8.720	92	174099	55.25	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	113950	57.29	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	122969	57.51	ug/l	98
55) 1,1,2-Trichloroethane	9.159	97	71685	56.04	ug/l	98
56) Ethyl methacrylate	9.122	69	119474	57.79	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	123970	56.77	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	345498	309.01	ug/l	97
59) 2-Hexanone	9.433	43	453155	310.22	ug/l	91
60) Dibromochloromethane	9.525	129	72347	58.14	ug/l	99
61) 1,2-Dibromoethane	9.616	107	73622	57.81	ug/l	99
64) Tetrachloroethene	9.275	164	58602	53.98	ug/l	92
65) Chlorobenzene	10.079	112	183547	53.33	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	67082	56.09	ug/l	98
67) Ethyl Benzene	10.195	91	343368	54.23	ug/l	100
68) m/p-Xylenes	10.305	106	259902	108.61	ug/l	99
69) o-Xylene	10.646	106	127898	54.95	ug/l	98
70) Styrene	10.659	104	215061	56.41	ug/l	98
71) Bromoform	10.805	173	47760	52.05	ug/l #	98
73) Isopropylbenzene	10.963	105	333494	51.04	ug/l	100
74) N-amyl acetate	10.848	43	168207	54.24	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	116101	53.61	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	106454m	55.90	ug/l	
77) Bromobenzene	11.201	156	72207	52.12	ug/l	89
78) n-propylbenzene	11.305	91	404269	52.83	ug/l	99
79) 2-Chlorotoluene	11.366	91	235302	50.69	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	289602	53.48	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	42388	52.74	ug/l	98
82) 4-Chlorotoluene	11.457	91	277001	51.80	ug/l	97
83) tert-Butylbenzene	11.719	119	271428	52.26	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	293137	53.78	ug/l	98
85) sec-Butylbenzene	11.896	105	356580	54.03	ug/l	98
86) p-Isopropyltoluene	12.012	119	300731	53.95	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	140774	52.70	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	141464	51.24	ug/l	97
89) n-Butylbenzene	12.335	91	289712	56.19	ug/l	98
90) Hexachloroethane	12.542	117	48986	53.17	ug/l	76
91) 1,2-Dichlorobenzene	12.335	146	134627	52.47	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26407	56.98	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	84399	54.52	ug/l	97
94) Hexachlorobutadiene	13.731	225	32714	54.14	ug/l	99
95) Naphthalene	13.780	128	339148	56.17	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	84672	54.26	ug/l	98

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

