

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022077.D
 Acq On : 19 May 2021 01:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/20/2021 5:57:38 PM

Quant Time: May 19 05:33:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051821W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 05:14:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	83261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	166213	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	152049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68370	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	163965	48.10	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.20%		
35) Dibromofluoromethane	5.397	113	127776	47.23	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.46%		
50) Toluene-d8	8.653	98	496133	47.79	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.58%		
62) 4-Bromofluorobenzene	11.085	95	185444	47.93	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.86%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	53454	52.06	ug/l	99
3) Chloromethane	1.295	50	58146	50.36	ug/l	98
4) Vinyl Chloride	1.374	62	61597	51.38	ug/l	99
5) Bromomethane	1.612	94	33455	50.78	ug/l	99
6) Chloroethane	1.685	64	37077	46.49	ug/l	95
7) Trichlorofluoromethane	1.886	101	86461	50.20	ug/l	96
8) Diethyl Ether	2.136	74	36930	50.98	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	49668	50.75	ug/l	98
10) Methyl Iodide	2.453	142	53842	49.65	ug/l	99
11) Tert butyl alcohol	2.989	59	77399	239.81	ug/l	100
12) 1,1-Dichloroethene	2.319	96	50502	51.43	ug/l	97
13) Acrolein	2.239	56	48981	235.12	ug/l	98
14) Allyl chloride	2.666	41	90898	49.98	ug/l	99
15) Acrylonitrile	3.069	53	156531	252.32	ug/l	99
16) Acetone	2.392	43	142832	243.99	ug/l	99
17) Carbon Disulfide	2.514	76	124538	49.99	ug/l	99
18) Methyl Acetate	2.709	43	78445	51.36	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	174196	52.01	ug/l	95
20) Methylene Chloride	2.794	84	60571	47.55	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	56179	52.39	ug/l	97
22) Diisopropyl ether	3.770	45	179652	51.72	ug/l	99
23) Vinyl Acetate	3.727	43	871768	257.05	ug/l	99
24) 1,1-Dichloroethane	3.617	63	105917	51.70	ug/l	98
25) 2-Butanone	4.568	43	244231	250.57	ug/l	99
26) 2,2-Dichloropropane	4.483	77	70103	42.73	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	67156	51.08	ug/l	99
28) Bromochloromethane	4.910	49	49784	50.56	ug/l	98
29) Tetrahydrofuran	5.019	42	145753	252.40	ug/l	98
30) Chloroform	5.105	83	108307	52.12	ug/l	96
31) Cyclohexane	5.477	56	81274	48.50	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	93500	51.76	ug/l	100
36) 1,1-Dichloropropene	5.702	75	78378	50.95	ug/l	99
37) Ethyl Acetate	4.721	43	94474	47.49	ug/l	99
38) Carbon Tetrachloride	5.684	117	78711	51.22	ug/l	93
39) Methylcyclohexane	7.385	83	82966	49.39	ug/l	98
40) Benzene	6.050	78	244511	51.46	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022077.D
 Acq On : 19 May 2021 01:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/20/2021 5:57:38 PM

Quant Time: May 19 05:33:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051821W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 05:14:43 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	51200	49.35	ug/l	98
42) 1,2-Dichloroethane	6.099	62	85596	51.40	ug/l	100
43) Isopropyl Acetate	6.348	43	158061	49.66	ug/l	99
44) Trichloroethene	7.135	130	59656	51.28	ug/l	99
45) 1,2-Dichloropropane	7.440	63	63621	51.81	ug/l	98
46) Dibromomethane	7.586	93	41905	50.79	ug/l	100
47) Bromodichloromethane	7.830	83	86717	52.59	ug/l	95
48) Methyl methacrylate	7.696	41	73923	51.15	ug/l	99
49) 1,4-Dioxane	7.690	88	29130	953.51	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	489111	255.38	ug/l	100
52) Toluene	8.720	92	153768	50.42	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	93017	50.61	ug/l	94
54) cis-1,3-Dichloropropene	8.373	75	100573	46.74	ug/l	99
55) 1,1,2-Trichloroethane	9.159	97	63200	52.40	ug/l	98
56) Ethyl methacrylate	9.122	69	103871	52.18	ug/l	99
57) 1,3-Dichloropropane	9.311	76	108923	50.72	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	265921	253.37	ug/l	100
59) 2-Hexanone	9.433	43	371979	258.96	ug/l	99
60) Dibromochloromethane	9.525	129	62095	52.26	ug/l	100
61) 1,2-Dibromoethane	9.616	107	65376	52.16	ug/l	95
64) Tetrachloroethene	9.275	164	49814	50.36	ug/l	97
65) Chlorobenzene	10.086	112	159888	50.95	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	57654	52.14	ug/l	100
67) Ethyl Benzene	10.195	91	293255	50.85	ug/l	97
68) m/p-Xylenes	10.305	106	220176	102.65	ug/l	100
69) o-Xylene	10.646	106	108526	50.95	ug/l	99
70) Styrene	10.659	104	184665	51.90	ug/l	100
71) Bromoform	10.805	173	40159	52.94	ug/l #	100
73) Isopropylbenzene	10.964	105	284352	49.81	ug/l	99
74) N-amyl acetate	10.848	43	140173	51.28	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.220	83	97087	49.59	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	87351m	49.96	ug/l	
77) Bromobenzene	11.201	156	61214	51.17	ug/l	98
78) n-propylbenzene	11.305	91	338222	50.61	ug/l	100
79) 2-Chlorotoluene	11.366	91	200032	50.19	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	240777	50.38	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	32200	46.20	ug/l	99
82) 4-Chlorotoluene	11.457	91	232801	50.26	ug/l	100
83) tert-Butylbenzene	11.719	119	229721	50.56	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	243619	50.88	ug/l	100
85) sec-Butylbenzene	11.896	105	289539	49.82	ug/l	100
86) p-Isopropyltoluene	12.012	119	246290	51.44	ug/l	99
87) 1,3-Dichlorobenzene	11.976	146	116733	50.71	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	117055	50.36	ug/l	99
89) n-Butylbenzene	12.335	91	225395	51.09	ug/l	99
90) Hexachloroethane	12.542	117	41442	50.94	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	113715	50.87	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21504	49.02	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	66289	49.64	ug/l	98
94) Hexachlorobutadiene	13.725	225	25520	50.30	ug/l	97
95) Naphthalene	13.780	128	271140	46.33	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	68120	47.60	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
Data File : VX022077.D
Acq On : 19 May 2021 01:58
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/20/2021 5:57:38 PM

Quant Time: May 19 05:33:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051821W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 05:14:43 2021
Response via : Initial Calibration

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

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

