

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062921\
 Data File : VX022993.D
 Acq On : 29 Jun 2021 10:56
 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
 7/2/2021 6:21:24 PM

Quant Time: Jun 30 01:42:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	68561	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	132743	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59663	47.951	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.900%
35) Dibromofluoromethane	5.391	113	42397	50.296	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.600%
50) Toluene-d8	8.653	98	161223	48.801	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.600%
62) 4-Bromofluorobenzene	11.085	95	66499	53.934	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.860%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	50199	51.895	ug/l	98
3) Chloromethane	1.294	50	52217	49.159	ug/l	99
4) Vinyl Chloride	1.374	62	49336	50.335	ug/l	98
5) Bromomethane	1.599	94	24064	44.565	ug/l	98
6) Chloroethane	1.678	64	31458	51.931	ug/l	96
7) Trichlorofluoromethane	1.880	101	76083	53.434	ug/l	96
8) Diethyl Ether	2.136	74	28747	52.306	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.325	101	48775	54.711	ug/l	89
10) Methyl Iodide	2.453	142	51483	48.179	ug/l	94
11) Tert butyl alcohol	2.977	59	61461	237.012	ug/l	99
12) 1,1-Dichloroethene	2.319	96	45699	51.379	ug/l	92
13) Acrolein	2.239	56	42321	262.404	ug/l	99
14) Allyl chloride	2.666	41	86062	50.929	ug/l	91
15) Acrylonitrile	3.068	53	155738	262.718	ug/l	99
16) Acetone	2.386	43	149593	271.196	ug/l	93
17) Carbon Disulfide	2.514	76	105004	43.796	ug/l	99
18) Methyl Acetate	2.709	43	70243	51.745	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	170168	53.350	ug/l	98
20) Methylene Chloride	2.788	84	54633	49.939	ug/l	# 86
21) trans-1,2-Dichloroethene	3.093	96	49168	49.829	ug/l	94
22) Diisopropyl ether	3.769	45	189701	53.969	ug/l	# 93
23) Vinyl Acetate	3.727	43	817072	277.099	ug/l	# 94
24) 1,1-Dichloroethane	3.611	63	98419	52.410	ug/l	99
25) 2-Butanone	4.568	43	236519	275.734	ug/l	90
26) 2,2-Dichloropropane	4.477	77	79417	55.730	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	58018	52.978	ug/l	93
28) Bromochloromethane	4.897	49	46246	52.273	ug/l	# 76
29) Tetrahydrofuran	5.013	42	146706	265.897	ug/l	87
30) Chloroform	5.099	83	98409	52.099	ug/l	96
31) Cyclohexane	5.470	56	91328	51.990	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	82279	54.216	ug/l	96
36) 1,1-Dichloropropene	5.696	75	74022	52.500	ug/l	97
37) Ethyl Acetate	4.721	43	87176	53.377	ug/l	# 93
38) Carbon Tetrachloride	5.678	117	66402	56.150	ug/l	95
39) Methylcyclohexane	7.385	83	90532	55.045	ug/l	93
40) Benzene	6.043	78	218449	53.730	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062921\
 Data File : VX022993.D
 Acq On : 29 Jun 2021 10:56
 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
 7/2/2021 6:21:24 PM

Quant Time: Jun 30 01:42:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	48253	53.629	ug/l	90
42) 1,2-Dichloroethane	6.092	62	82014	54.828	ug/l	96
43) Isopropyl Acetate	6.348	43	143428	54.623	ug/l #	91
44) Trichloroethene	7.129	130	51017	52.913	ug/l	88
45) 1,2-Dichloropropane	7.433	63	57839	55.156	ug/l	95
46) Dibromomethane	7.580	93	37286	53.594	ug/l #	84
47) Bromodichloromethane	7.824	83	70343	49.773	ug/l #	97
48) Methyl methacrylate	7.696	41	68079	56.020	ug/l	86
49) 1,4-Dioxane	7.665	88	27534	1052.522	ug/l #	92
51) 4-Methyl-2-Pentanone	8.580	43	459647	281.265	ug/l	89
52) Toluene	8.720	92	131356	53.446	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	81109	48.592	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	90653	50.776	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	53355	54.108	ug/l	94
56) Ethyl methacrylate	9.122	69	91055	50.010	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	96514	53.844	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	227001	250.880	ug/l	93
59) 2-Hexanone	9.433	43	366348	295.491	ug/l	86
60) Dibromochloromethane	9.525	129	46225	48.015	ug/l	100
61) 1,2-Dibromoethane	9.616	107	52734	52.656	ug/l	99
64) Tetrachloroethene	9.275	164	45360	54.684	ug/l #	85
65) Chlorobenzene	10.079	112	130226	52.388	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	45231	56.304	ug/l	97
67) Ethyl Benzene	10.195	91	255923	55.911	ug/l	97
68) m/p-Xylenes	10.305	106	185536	109.148	ug/l	90
69) o-Xylene	10.646	106	90502	54.703	ug/l	93
70) Styrene	10.659	104	154609	56.303	ug/l	95
71) Bromoform	10.805	173	27830	48.397	ug/l #	99
73) Isopropylbenzene	10.963	105	253820	56.588	ug/l	96
74) N-amyl acetate	10.847	43	133233	52.517	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	82634	53.639	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	80949m	57.812	ug/l	
77) Bromobenzene	11.201	156	49959	53.563	ug/l	74
78) n-propylbenzene	11.305	91	318148	58.621	ug/l	95
79) 2-Chlorotoluene	11.366	91	191678	58.496	ug/l	91
80) 1,3,5-Trimethylbenzene	11.457	105	215644	58.550	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.024	75	24966	48.401	ug/l #	76
82) 4-Chlorotoluene	11.457	91	221200	58.412	ug/l	92
83) tert-Butylbenzene	11.719	119	195126	56.100	ug/l	85
84) 1,2,4-Trimethylbenzene	11.756	105	221267	59.690	ug/l	94
85) sec-Butylbenzene	11.896	105	271153	57.806	ug/l	96
86) p-Isopropyltoluene	12.012	119	212559	57.026	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	98241	54.593	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	97318	51.720	ug/l	95
89) n-Butylbenzene	12.335	91	209975	59.247	ug/l	96
90) Hexachloroethane	12.542	117	33701	48.967	ug/l	69
91) 1,2-Dichlorobenzene	12.341	146	94200	53.635	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18057	49.657	ug/l	67
93) 1,2,4-Trichlorobenzene	13.591	180	53802	55.233	ug/l	97
94) Hexachlorobutadiene	13.731	225	20866	54.667	ug/l	98
95) Naphthalene	13.780	128	219586	50.785	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	54518	55.565	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062921\
Data File : VX022993.D
Acq On : 29 Jun 2021 10:56
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
7/2/2021 6:21:24 PM

Quant Time: Jun 30 01:42:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

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

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

