

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062921\
 Data File : VX023020.D
 Acq On : 29 Jun 2021 21:49
 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
 7/2/2021 6:21:49 PM

Quant Time: Jun 30 01:47:24 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	5.556	168	66405	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	135084	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	67032	55.623	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.240%			
35) Dibromofluoromethane	5.391	113	44179	51.502	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.000%			
50) Toluene-d8	8.653	98	167355	49.779	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.560%			
62) 4-Bromofluorobenzene	11.085	95	68008	54.202	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.400%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	47402	50.594	ug/l	99
3) Chloromethane	1.294	50	53359	51.865	ug/l	98
4) Vinyl Chloride	1.374	62	49597	52.244	ug/l	99
5) Bromomethane	1.599	94	22344	42.723	ug/l	99
6) Chloroethane	1.678	64	33364	56.866	ug/l	99
7) Trichlorofluoromethane	1.886	101	81104	58.809	ug/l	95
8) Diethyl Ether	2.136	74	29106	54.679	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	43889	50.829	ug/l	88
10) Methyl Iodide	2.453	142	51475	49.610	ug/l	92
11) Tert butyl alcohol	2.983	59	72548	288.850	ug/l	99
12) 1,1-Dichloroethene	2.319	96	44485	51.637	ug/l	88
13) Acrolein	2.245	56	37127	237.673	ug/l	97
14) Allyl chloride	2.666	41	91135	55.682	ug/l #	92
15) Acrylonitrile	3.075	53	161856	281.903	ug/l	98
16) Acetone	2.392	43	147131	275.393	ug/l	93
17) Carbon Disulfide	2.514	76	108857	46.630	ug/l	100
18) Methyl Acetate	2.709	43	77018	58.577	ug/l #	89
19) Methyl tert-butyl Ether	3.123	73	176969	57.283	ug/l	97
20) Methylene Chloride	2.794	84	55088	51.974	ug/l #	86
21) trans-1,2-Dichloroethene	3.093	96	48412	50.656	ug/l	88
22) Diisopropyl ether	3.770	45	188599	55.398	ug/l	92
23) Vinyl Acetate	3.733	43	842231	294.906	ug/l #	94
24) 1,1-Dichloroethane	3.617	63	100186	55.083	ug/l	97
25) 2-Butanone	4.568	43	233518	281.074	ug/l	90
26) 2,2-Dichloropropane	4.489	77	62767	45.476	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	57670	54.370	ug/l	94
28) Bromochloromethane	4.910	49	45832	53.487	ug/l #	74
29) Tetrahydrofuran	5.019	42	149177	279.154	ug/l	86
30) Chloroform	5.105	83	99746	54.521	ug/l	99
31) Cyclohexane	5.477	56	86559	50.875	ug/l	94
32) 1,1,1-Trichloroethane	5.397	97	84751	57.658	ug/l	94
36) 1,1-Dichloropropene	5.702	75	73236	51.042	ug/l	94
37) Ethyl Acetate	4.727	43	90459	54.427	ug/l #	93
38) Carbon Tetrachloride	5.684	117	65444	54.381	ug/l	98
39) Methylcyclohexane	7.385	83	80788	48.269	ug/l	94
40) Benzene	6.044	78	211667	51.160	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062921\
 Data File : VX023020.D
 Acq On : 29 Jun 2021 21:49
 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
 7/2/2021 6:21:49 PM

Quant Time: Jun 30 01:47:24 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	49852	54.446	ug/l	89
42) 1,2-Dichloroethane	6.098	62	87641	57.574	ug/l	94
43) Isopropyl Acetate	6.348	43	151275	56.613	ug/l #	91
44) Trichloroethene	7.129	130	48869	49.807	ug/l	88
45) 1,2-Dichloropropane	7.434	63	56698	53.131	ug/l	96
46) Dibromomethane	7.586	93	38465	54.330	ug/l #	81
47) Bromodichloromethane	7.830	83	72716	50.514	ug/l	97
48) Methyl methacrylate	7.702	41	71734	58.005	ug/l #	82
49) 1,4-Dioxane	7.665	88	29235	1098.178	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	468008	281.418	ug/l	89
52) Toluene	8.720	92	128813	51.503	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	83731	49.240	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	86148	47.588	ug/l #	85
55) 1,1,2-Trichloroethane	9.159	97	53005	52.822	ug/l	96
56) Ethyl methacrylate	9.122	69	95228	51.324	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	96352	52.823	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.250	63	236254	256.463	ug/l	93
59) 2-Hexanone	9.433	43	364683	289.050	ug/l	85
60) Dibromochloromethane	9.525	129	47497	48.446	ug/l	99
61) 1,2-Dibromoethane	9.616	107	53888	52.876	ug/l	97
64) Tetrachloroethene	9.275	164	41094	47.191	ug/l #	85
65) Chlorobenzene	10.085	112	131218	50.283	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	46426	55.050	ug/l	97
67) Ethyl Benzene	10.195	91	256468	53.372	ug/l	95
68) m/p-Xylenes	10.305	106	188017	105.361	ug/l	91
69) o-Xylene	10.646	106	94687	54.518	ug/l	88
70) Styrene	10.659	104	160583	55.704	ug/l #	92
71) Bromoform	10.805	173	28837	47.829	ug/l #	99
73) Isopropylbenzene	10.963	105	252831	54.575	ug/l	97
74) N-amyl acetate	10.848	43	138515	52.850	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	82438	51.810	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	77976m	53.918	ug/l	
77) Bromobenzene	11.201	156	48659	50.510	ug/l	73
78) n-propylbenzene	11.305	91	294496	52.537	ug/l	96
79) 2-Chlorotoluene	11.366	91	179556	53.054	ug/l	94
80) 1,3,5-Trimethylbenzene	11.457	105	206136	54.188	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.024	75	23912	45.356	ug/l #	79
82) 4-Chlorotoluene	11.457	91	208223	53.237	ug/l	92
83) tert-Butylbenzene	11.719	119	187130	52.090	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	211344	55.200	ug/l	95
85) sec-Butylbenzene	11.896	105	254787	52.590	ug/l	96
86) p-Isopropyltoluene	12.012	119	200853	52.172	ug/l	94
87) 1,3-Dichlorobenzene	11.975	146	95151	51.195	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	94371	48.559	ug/l	95
89) n-Butylbenzene	12.335	91	194478	53.130	ug/l	96
90) Hexachloroethane	12.542	117	32669	46.186	ug/l	71
91) 1,2-Dichlorobenzene	12.335	146	93122	51.335	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19680	52.180	ug/l	66
93) 1,2,4-Trichlorobenzene	13.591	180	51343	51.033	ug/l	97
94) Hexachlorobutadiene	13.725	225	18765	47.599	ug/l	99
95) Naphthalene	13.780	128	221320	49.605	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	54008	53.295	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062921\
Data File : VX023020.D
Acq On : 29 Jun 2021 21:49
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
7/2/2021 6:21:49 PM

Quant Time: Jun 30 01:47:24 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

