

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070121\
 Data File : VX023100.D
 Acq On : 01 Jul 2021 21:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/5/2021 1:58:58 PM

Quant Time: Jul 02 04:34:25 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	49375	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	118453	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	74730	83.399	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	166.800%#
35) Dibromofluoromethane	5.404	113	42987	57.148	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	114.300%
50) Toluene-d8	8.653	98	147988	50.199	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.400%
62) 4-Bromofluorobenzene	11.085	95	66095	60.074	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	120.140%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	25404	36.467	ug/l	99
3) Chloromethane	1.295	50	42347	55.358	ug/l	98
4) Vinyl Chloride	1.374	62	37190	52.686	ug/l	100
5) Bromomethane	1.599	94	18355	47.201	ug/l	98
6) Chloroethane	1.679	64	28806	66.032	ug/l	98
7) Trichlorofluoromethane	1.880	101	49995	48.755	ug/l	96
8) Diethyl Ether	2.142	74	32460	82.012	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	25411	39.579	ug/l	87
10) Methyl Iodide	2.453	142	40305	52.037	ug/l	# 82
11) Tert butyl alcohol	2.983	59	82127	439.770	ug/l	98
12) 1,1-Dichloroethene	2.319	96	33024	51.555	ug/l	83
13) Acrolein	2.246	56	40923	352.331	ug/l	98
14) Allyl chloride	2.666	41	83950	68.984	ug/l	# 88
15) Acrylonitrile	3.075	53	166721	390.530	ug/l	97
16) Acetone	2.392	43	168323	423.726	ug/l	88
17) Carbon Disulfide	2.508	76	69516	40.545	ug/l	99
18) Methyl Acetate	2.715	43	81238	83.098	ug/l	# 89
19) Methyl tert-butyl Ether	3.123	73	191162	83.220	ug/l	100
20) Methylene Chloride	2.794	84	52131	66.047	ug/l	# 82
21) trans-1,2-Dichloroethene	3.093	96	40388	56.836	ug/l	86
22) Diisopropyl ether	3.770	45	189374	74.811	ug/l	# 91
23) Vinyl Acetate	3.733	43	887172	417.785	ug/l	# 93
24) 1,1-Dichloroethane	3.617	63	95224	70.413	ug/l	96
25) 2-Butanone	4.568	43	252713	409.093	ug/l	# 88
26) 2,2-Dichloropropane	4.483	77	60356	58.812	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	52947	67.134	ug/l	86
28) Bromochloromethane	4.904	49	46383	72.800	ug/l	# 73
29) Tetrahydrofuran	5.019	42	159466	401.331	ug/l	86
30) Chloroform	5.105	83	101343	74.500	ug/l	96
31) Cyclohexane	5.477	56	48703	38.499	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	73601	67.343	ug/l	94
36) 1,1-Dichloropropene	5.696	75	57284	45.530	ug/l	94
37) Ethyl Acetate	4.727	43	97503	66.902	ug/l	# 93
38) Carbon Tetrachloride	5.684	117	52709	49.948	ug/l	98
39) Methylcyclohexane	7.385	83	40373	27.509	ug/l	# 84
40) Benzene	6.050	78	196051	54.038	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070121\
 Data File : VX023100.D
 Acq On : 01 Jul 2021 21:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/5/2021 1:58:58 PM

Quant Time: Jul 02 04:34:25 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	4.934	41	53221	66.287	ug/l	89
42) 1,2-Dichloroethane	6.092	62	100639	75.396	ug/l	91
43) Isopropyl Acetate	6.355	43	161134	68.769	ug/l #	91
44) Trichloroethene	7.129	130	41090	47.759	ug/l	87
45) 1,2-Dichloropropane	7.434	63	55318	59.116	ug/l	95
46) Dibromomethane	7.586	93	39388	63.445	ug/l #	78
47) Bromodichloromethane	7.830	83	76556	60.060	ug/l #	99
48) Methyl methacrylate	7.702	41	78325	72.227	ug/l #	82
49) 1,4-Dioxane	7.665	88	29741	1274.040	ug/l #	85
51) 4-Methyl-2-Pentanone	8.580	43	503109	344.999	ug/l	89
52) Toluene	8.720	92	117608	53.625	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	85406	56.678	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	88493	55.303	ug/l #	84
55) 1,1,2-Trichloroethane	9.159	97	54707	62.173	ug/l	98
56) Ethyl methacrylate	9.122	69	98445	60.046	ug/l #	75
57) 1,3-Dichloropropane	9.311	76	100151	62.614	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.251	63	248433	306.510	ug/l	93
59) 2-Hexanone	9.433	43	390947	353.373	ug/l	86
60) Dibromochloromethane	9.525	129	48777	56.112	ug/l	98
61) 1,2-Dibromoethane	9.610	107	57141	63.940	ug/l	97
64) Tetrachloroethene	9.281	164	36486	44.270	ug/l #	87
65) Chlorobenzene	10.086	112	124297	50.326	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	45795	57.374	ug/l	98
67) Ethyl Benzene	10.195	91	227944	50.120	ug/l	97
68) m/p-Xylenes	10.305	106	163583	96.855	ug/l	86
69) o-Xylene	10.647	106	83420	50.748	ug/l	83
70) Styrene	10.659	104	148813	54.542	ug/l #	92
71) Bromoform	10.805	173	27832	48.682	ug/l #	95
73) Isopropylbenzene	10.964	105	203756	47.606	ug/l	97
74) N-amyl acetate	10.848	43	141087	58.056	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	86938	59.140	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	85533m	64.017	ug/l	
77) Bromobenzene	11.201	156	46306	52.028	ug/l	68
78) n-propylbenzene	11.305	91	248685	48.020	ug/l	94
79) 2-Chlorotoluene	11.366	91	168324	53.833	ug/l	92
80) 1,3,5-Trimethylbenzene	11.457	105	183850	52.312	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.024	75	25446	51.254	ug/l #	79
82) 4-Chlorotoluene	11.457	91	199508	55.212	ug/l	90
83) tert-Butylbenzene	11.719	119	153711	46.313	ug/l	84
84) 1,2,4-Trimethylbenzene	11.756	105	188954	53.419	ug/l	94
85) sec-Butylbenzene	11.896	105	195051	43.577	ug/l	96
86) p-Isopropyltoluene	12.012	119	160467	45.116	ug/l	91
87) 1,3-Dichlorobenzene	11.976	146	88156	51.339	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	88870	49.496	ug/l	93
89) n-Butylbenzene	12.335	91	146994	43.466	ug/l	95
90) Hexachloroethane	12.543	117	26996	41.702	ug/l	69
91) 1,2-Dichlorobenzene	12.341	146	88115	52.577	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21748	61.636	ug/l	63
93) 1,2,4-Trichlorobenzene	13.591	180	44854	48.256	ug/l	96
94) Hexachlorobutadiene	13.731	225	12559	34.482	ug/l	99
95) Naphthalene	13.780	128	221398	53.552	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	47984	51.252	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070121\
Data File : VX023100.D
Acq On : 01 Jul 2021 21:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
7/5/2021 1:58:58 PM

Quant Time: Jul 02 04:34:25 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

