

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024325.D
 Acq On : 17 Sep 2021 21:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/22/2021 7:39:46 PM

Quant Time: Sep 22 08:07:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	155587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	244745	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	232551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	112420	50.671	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.340%	
35) Dibromofluoromethane	5.404	113	84821	51.677	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.360%	
50) Toluene-d8	8.653	98	309267	51.722	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.440%	
62) 4-Bromofluorobenzene	11.086	95	125850	54.083	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.160%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	74753	49.982	ug/l	98
3) Chloromethane	1.295	50	76811	49.180	ug/l	99
4) Vinyl Chloride	1.374	62	77162	49.643	ug/l	99
5) Bromomethane	1.599	94	54123	58.490	ug/l	96
6) Chloroethane	1.679	64	52002	50.650	ug/l	98
7) Trichlorofluoromethane	1.880	101	139216	53.393	ug/l	97
8) Diethyl Ether	2.136	74	48307	53.543	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	77719	50.739	ug/l	96
10) Methyl Iodide	2.453	142	109372	51.612	ug/l	93
11) Tert butyl alcohol	2.983	59	124730	267.894	ug/l	100
12) 1,1-Dichloroethene	2.319	96	71919	50.133	ug/l	96
13) Acrolein	2.246	56	38820	265.480	ug/l	98
14) Allyl chloride	2.666	41	129072	49.507	ug/l	88
15) Acrylonitrile	3.075	53	238867	263.228	ug/l	98
16) Acetone	2.392	43	222426	235.121	ug/l	90
17) Carbon Disulfide	2.514	76	167683	46.642	ug/l	99
18) Methyl Acetate	2.715	43	157419	53.077	ug/l	93
19) Methyl tert-butyl Ether	3.124	73	271187	51.437	ug/l	100
20) Methylene Chloride	2.794	84	86504	47.619	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	78870	50.219	ug/l	95
22) Diisopropyl ether	3.776	45	268216	52.379	ug/l	96
23) Vinyl Acetate	3.733	43	1115294	268.247	ug/l #	94
24) 1,1-Dichloroethane	3.617	63	151286	50.349	ug/l	97
25) 2-Butanone	4.568	43	354350	254.315	ug/l	91
26) 2,2-Dichloropropane	4.483	77	111405	42.331	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	93716	51.669	ug/l	97
28) Bromochloromethane	4.910	49	57126	46.661	ug/l	98
29) Tetrahydrofuran	5.020	42	229400	263.039	ug/l	90
30) Chloroform	5.105	83	166305	52.047	ug/l	99
31) Cyclohexane	5.477	56	130953	50.461	ug/l	95
32) 1,1,1-Trichloroethane	5.397	97	149879	52.410	ug/l	98
36) 1,1-Dichloropropene	5.702	75	115608	51.377	ug/l	99
37) Ethyl Acetate	4.733	43	136818	52.182	ug/l #	93
38) Carbon Tetrachloride	5.690	117	131489	51.918	ug/l	99
39) Methylcyclohexane	7.385	83	136855	50.941	ug/l	97
40) Benzene	6.044	78	337902	52.357	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024325.D
 Acq On : 17 Sep 2021 21:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/22/2021 7:39:46 PM

Quant Time: Sep 22 08:07:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	75053	53.677	ug/l	92
42) 1,2-Dichloroethane	6.099	62	143934	53.483	ug/l	94
43) Isopropyl Acetate	6.349	43	219026	52.477	ug/l	92
44) Trichloroethene	7.135	130	95698	52.775	ug/l	96
45) 1,2-Dichloropropane	7.440	63	88486	51.947	ug/l	97
46) Dibromomethane	7.586	93	65967	52.907	ug/l	98
47) Bromodichloromethane	7.830	83	124588	53.737	ug/l	99
48) Methyl methacrylate	7.702	41	111512	53.548	ug/l	84
49) 1,4-Dioxane	7.665	88	48833	1119.902	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	744559	279.950	ug/l	89
52) Toluene	8.726	92	225549	53.323	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	136954	52.089	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	140543	51.654	ug/l #	89
55) 1,1,2-Trichloroethane	9.159	97	94291	52.342	ug/l	97
56) Ethyl methacrylate	9.122	69	147539	49.089	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	153490	52.318	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	350588	268.925	ug/l	98
59) 2-Hexanone	9.433	43	604075	291.490	ug/l	87
60) Dibromochloromethane	9.525	129	98779	48.408	ug/l	99
61) 1,2-Dibromoethane	9.616	107	100981	52.608	ug/l	99
64) Tetrachloroethene	9.281	164	95374	52.940	ug/l	97
65) Chlorobenzene	10.086	112	249517	52.153	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	95052	53.606	ug/l	99
67) Ethyl Benzene	10.195	91	449568	53.716	ug/l	98
68) m/p-Xylenes	10.305	106	352237	109.931	ug/l	99
69) o-Xylene	10.647	106	173847	54.353	ug/l	100
70) Styrene	10.659	104	293849	56.633	ug/l	97
71) Bromoform	10.805	173	75073	50.724	ug/l #	99
73) Isopropylbenzene	10.964	105	460728	49.802	ug/l	99
74) N-amyl acetate	10.848	43	209362	53.760	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.214	83	149922	50.093	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	138854m	48.609	ug/l	
77) Bromobenzene	11.201	156	116933	50.293	ug/l	95
78) n-propylbenzene	11.311	91	538939	51.569	ug/l	100
79) 2-Chlorotoluene	11.366	91	329578	50.770	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	401622	51.503	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	45647	46.997	ug/l	88
82) 4-Chlorotoluene	11.457	91	384734	52.090	ug/l	100
83) tert-Butylbenzene	11.720	119	389257	51.719	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	399121	52.031	ug/l	99
85) sec-Butylbenzene	11.896	105	493805	52.366	ug/l	99
86) p-Isopropyltoluene	12.012	119	420013	53.062	ug/l	98
87) 1,3-Dichlorobenzene	11.976	146	217047	52.117	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	212742	50.046	ug/l	98
89) n-Butylbenzene	12.335	91	356425	52.041	ug/l	98
90) Hexachloroethane	12.543	117	66636	52.251	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	207732	50.843	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	34449	50.171	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	124899	51.875	ug/l	99
94) Hexachlorobutadiene	13.725	225	57405	47.745	ug/l	98
95) Naphthalene	13.780	128	425812	48.014	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	129019	53.163	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
Data File : VX024325.D
Acq On : 17 Sep 2021 21:51
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
9/22/2021 7:39:46 PM

Quant Time: Sep 22 08:07:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 21 10:52:48 2021
Response via : Initial Calibration

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

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

