

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082221\
 Data File : VX023873.D
 Acq On : 20 Aug 2021 13:13
 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
 8/23/2021 11:31:56 AM

Quant Time: Aug 20 16:17:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	188549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	295498	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	279976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	121654	46.229	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.460%		
35) Dibromofluoromethane	5.391	113	93506	47.809	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.620%		
50) Toluene-d8	8.653	98	352737	47.385	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.780%		
62) 4-Bromofluorobenzene	11.085	95	135972	49.619	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	100193	50.366	ug/l	98
3) Chloromethane	1.294	50	103534	47.410	ug/l	99
4) Vinyl Chloride	1.374	62	101400	47.609	ug/l	100
5) Bromomethane	1.599	94	66409	49.593	ug/l	95
6) Chloroethane	1.679	64	65393	41.519	ug/l	100
7) Trichlorofluoromethane	1.880	101	166496	49.502	ug/l	96
8) Diethyl Ether	2.136	74	58235	49.580	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	96648	51.066	ug/l	96
10) Methyl Iodide	2.453	142	127817	48.503	ug/l	96
11) Tert butyl alcohol	2.983	59	118318	222.327	ug/l	97
12) 1,1-Dichloroethene	2.319	96	89369	49.389	ug/l	94
13) Acrolein	2.239	56	87380	275.914	ug/l	99
14) Allyl chloride	2.666	41	161939	48.561	ug/l	91
15) Acrylonitrile	3.069	53	288608	243.396	ug/l	98
16) Acetone	2.386	43	267326	227.195	ug/l	92
17) Carbon Disulfide	2.508	76	221895	51.415	ug/l	99
18) Methyl Acetate	2.709	43	141011	48.006	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	314813	49.988	ug/l	100
20) Methylene Chloride	2.794	84	105260	46.833	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	96295	49.822	ug/l	94
22) Diisopropyl ether	3.770	45	329031	49.540	ug/l	97
23) Vinyl Acetate	3.727	43	1353625	251.940	ug/l	95
24) 1,1-Dichloroethane	3.611	63	183367	49.607	ug/l	97
25) 2-Butanone	4.568	43	429553	241.026	ug/l	93
26) 2,2-Dichloropropane	4.483	77	152646	50.316	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	112663	48.987	ug/l	97
28) Bromochloromethane	4.904	49	90120	53.620	ug/l	93
29) Tetrahydrofuran	5.013	42	273419	236.854	ug/l	89
30) Chloroform	5.105	83	189476	48.411	ug/l	99
31) Cyclohexane	5.477	56	166699	49.307	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	170153	50.771	ug/l	97
36) 1,1-Dichloropropene	5.696	75	140999	51.525	ug/l	98
37) Ethyl Acetate	4.721	43	163352	48.562	ug/l #	93
38) Carbon Tetrachloride	5.684	117	149578	52.418	ug/l	98
39) Methylcyclohexane	7.385	83	179698	53.931	ug/l	97
40) Benzene	6.044	78	403948	49.921	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082221\
 Data File : VX023873.D
 Acq On : 20 Aug 2021 13:13
 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
 8/23/2021 11:31:56 AM

Quant Time: Aug 20 16:17:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	88652	48.615	ug/l	91
42) 1,2-Dichloroethane	6.098	62	163218	51.322	ug/l	95
43) Isopropyl Acetate	6.348	43	262469	49.884	ug/l	92
44) Trichloroethene	7.129	130	112634	50.389	ug/l	97
45) 1,2-Dichloropropane	7.434	63	107321	49.947	ug/l	100
46) Dibromomethane	7.586	93	76741	51.322	ug/l	97
47) Bromodichloromethane	7.824	83	145111	53.644	ug/l	99
48) Methyl methacrylate	7.696	41	131994	51.424	ug/l	85
49) 1,4-Dioxane	7.665	88	50939	939.015	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	882800	259.556	ug/l	89
52) Toluene	8.720	92	268946	51.292	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	162458	46.645	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	170302	51.956	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	110415	51.149	ug/l	99
56) Ethyl methacrylate	9.122	69	176292	47.828	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	184759	51.603	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	423434	243.595	ug/l	97
59) 2-Hexanone	9.433	43	691045	264.321	ug/l	87
60) Dibromochloromethane	9.525	129	115685	48.573	ug/l	100
61) 1,2-Dibromoethane	9.610	107	118751	52.072	ug/l	99
64) Tetrachloroethene	9.275	164	116044	51.894	ug/l	94
65) Chlorobenzene	10.079	112	299819	51.318	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	109100	52.468	ug/l	99
67) Ethyl Benzene	10.195	91	536483	52.585	ug/l	99
68) m/p-Xylenes	10.305	106	418981	107.819	ug/l	100
69) o-Xylene	10.646	106	199966	52.364	ug/l	98
70) Styrene	10.659	104	343324	55.186	ug/l	98
71) Bromoform	10.805	173	83582	49.487	ug/l #	99
73) Isopropylbenzene	10.963	105	535760	50.155	ug/l	99
74) N-amyl acetate	10.848	43	241214	49.967	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	167734	47.913	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	159457m	48.809	ug/l	
77) Bromobenzene	11.201	156	132796	50.474	ug/l	96
78) n-propylbenzene	11.305	91	635793	52.038	ug/l	99
79) 2-Chlorotoluene	11.366	91	382305	51.771	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	462609	52.698	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	55964	50.390	ug/l	90
82) 4-Chlorotoluene	11.457	91	436413	52.065	ug/l	100
83) tert-Butylbenzene	11.719	119	443397	52.007	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	462472	52.837	ug/l	99
85) sec-Butylbenzene	11.896	105	580212	53.753	ug/l	99
86) p-Isopropyltoluene	12.012	119	489822	55.137	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	244527	51.371	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	244832	51.571	ug/l	99
89) n-Butylbenzene	12.335	91	433866	54.697	ug/l	97
90) Hexachloroethane	12.542	117	76031	49.124	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	232868	50.497	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	37142	45.455	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	145229	52.327	ug/l	99
94) Hexachlorobutadiene	13.731	225	66142	53.468	ug/l	99
95) Naphthalene	13.780	128	486373	47.545	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	149084	53.935	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082221\
Data File : VX023873.D
Acq On : 20 Aug 2021 13:13
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
8/23/2021 11:31:56 AM

Quant Time: Aug 20 16:17:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration

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

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

