

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024304.D
 Acq On : 17 Sep 2021 13:12
 Operator : JC/MD
 Sample : VX0917WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS01

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 08:05:26 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	184744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	286618	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	129608	49.198	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.400%
35) Dibromofluoromethane	5.391	113	97574	50.762	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.520%
50) Toluene-d8	8.653	98	366264	52.305	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.620%
62) 4-Bromofluorobenzene	11.085	95	116057	42.588	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	35013	19.716	ug/l	99
3) Chloromethane	1.295	50	36433	19.646	ug/l	100
4) Vinyl Chloride	1.374	62	36983	20.038	ug/l	100
5) Bromomethane	1.599	94	23735	21.602	ug/l	99
6) Chloroethane	1.685	64	20155	16.533	ug/l	99
7) Trichlorofluoromethane	1.886	101	55851	18.040	ug/l	100
8) Diethyl Ether	2.136	74	18680	17.437	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	37701	20.729	ug/l	96
10) Methyl Iodide	2.453	142	47983	19.069	ug/l	91
11) Tert butyl alcohol	2.977	59	57653	90.200	ug/l	99
12) 1,1-Dichloroethene	2.319	96	32860	19.291	ug/l	89
13) Acrolein	2.246	56	15348	88.396	ug/l	96
14) Allyl chloride	2.666	41	62173	20.084	ug/l	91
15) Acrylonitrile	3.075	53	107968	100.202	ug/l	97
16) Acetone	2.386	43	124124	110.501	ug/l #	87
17) Carbon Disulfide	2.514	76	78715	18.440	ug/l	100
18) Methyl Acetate	2.709	43	69694	19.790	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	126087	20.141	ug/l	98
20) Methylene Chloride	2.794	84	43526	20.179	ug/l	90
21) trans-1,2-Dichloroethene	3.099	96	37432	20.072	ug/l	92
22) Diisopropyl ether	3.770	45	127653	20.995	ug/l	95
23) Vinyl Acetate	3.733	43	509996	103.304	ug/l	95
24) 1,1-Dichloroethane	3.611	63	70631	19.797	ug/l	98
25) 2-Butanone	4.568	43	168184	101.655	ug/l	92
26) 2,2-Dichloropropane	4.483	77	65487	20.956	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	43738	20.309	ug/l	94
28) Bromochloromethane	4.904	49	24652	16.958	ug/l	96
29) Tetrahydrofuran	5.019	42	102349	98.836	ug/l	89
30) Chloroform	5.099	83	77792	20.504	ug/l	92
31) Cyclohexane	5.477	56	63509	20.610	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	68759	20.249	ug/l	99
36) 1,1-Dichloropropene	5.702	75	56813	21.560	ug/l	97
37) Ethyl Acetate	4.727	43	59948	19.524	ug/l	95
38) Carbon Tetrachloride	5.684	117	59881	20.189	ug/l	98
39) Methylcyclohexane	7.385	83	67563	21.475	ug/l	96
40) Benzene	6.050	78	159116	21.053	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024304.D
 Acq On : 17 Sep 2021 13:12
 Operator : JC/MD
 Sample : VX0917WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS01

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 08:05:26 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	4.928	41	33780	20.629	ug/l	92
42) 1,2-Dichloroethane	6.092	62	65623	20.822	ug/l	95
43) Isopropyl Acetate	6.348	43	98166	20.084	ug/l	94
44) Trichloroethene	7.129	130	43494	20.482	ug/l	98
45) 1,2-Dichloropropane	7.440	63	41482	20.795	ug/l	94
46) Dibromomethane	7.586	93	29704	20.343	ug/l	98
47) Bromodichloromethane	7.830	83	55034	20.269	ug/l	99
48) Methyl methacrylate	7.696	41	47849	19.620	ug/l	90
49) 1,4-Dioxane	7.665	88	20615	403.702	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	324767	104.271	ug/l	91
52) Toluene	8.720	92	104625	21.121	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	63016	20.466	ug/l	96
54) cis-1,3-Dichloropropene	8.373	75	66799	20.964	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	42997	20.381	ug/l	99
56) Ethyl methacrylate	9.122	69	65164	19.362	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	71127	20.702	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	144447	94.614	ug/l	98
59) 2-Hexanone	9.433	43	259673	106.997	ug/l	87
60) Dibromochloromethane	9.525	129	41587	18.508	ug/l	100
61) 1,2-Dibromoethane	9.610	107	45581	20.277	ug/l	98
64) Tetrachloroethene	9.275	164	44811	22.777	ug/l	93
65) Chlorobenzene	10.080	112	107123	20.503	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	39020	20.151	ug/l	98
67) Ethyl Benzene	10.195	91	192205	21.030	ug/l	99
68) m/p-Xylenes	10.305	106	132844	37.965	ug/l	98
69) o-Xylene	10.646	106	70910	20.301	ug/l	98
70) Styrene	10.659	104	116880	20.627	ug/l	97
71) Bromoform	10.805	173	25922	16.807	ug/l #	99
73) Isopropylbenzene	10.964	105	180265	19.908	ug/l	100
74) N-amyl acetate	10.848	43	78707	20.648	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	59613	20.350	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	55967m	20.017	ug/l	
77) Bromobenzene	11.201	156	48202	21.181	ug/l	92
78) n-propylbenzene	11.305	91	199956	19.547	ug/l	99
79) 2-Chlorotoluene	11.366	91	121252	19.083	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	146569	19.203	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	17828	18.753	ug/l #	86
82) 4-Chlorotoluene	11.457	91	138214	19.118	ug/l	100
83) tert-Butylbenzene	11.719	119	151630	20.583	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	160796	21.416	ug/l	98
85) sec-Butylbenzene	11.896	105	187286	20.291	ug/l	99
86) p-Isopropyltoluene	12.012	119	168097	21.696	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	87023	21.348	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	86953	20.898	ug/l	98
89) n-Butylbenzene	12.335	91	145380	21.686	ug/l	97
90) Hexachloroethane	12.543	117	25577	20.490	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	85703	21.430	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11425	17.000	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	46412	19.694	ug/l	100
94) Hexachlorobutadiene	13.725	225	24292	20.642	ug/l	99
95) Naphthalene	13.780	128	143820	17.411	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	46869	19.731	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
Data File : VX024304.D
Acq On : 17 Sep 2021 13:12
Operator : JC/MD
Sample : VX0917WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

Manual Integrations
APPROVED

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

Quant Time: Sep 22 08:05:26 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

