

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071421\
 Data File : VX023272.D
 Acq On : 14 Jul 2021 12:22
 Operator : JC/MD
 Sample : VX0714WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/15/2021 5:51:55 PM

Quant Time: Jul 15 04:25:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	275708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	428632	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	387077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	172772	46.626	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.260%		
35) Dibromofluoromethane	5.391	113	131487	47.504	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.000%		
50) Toluene-d8	8.653	98	478611	46.354	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.700%		
62) 4-Bromofluorobenzene	11.085	95	184748	46.349	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	43995	17.611	ug/l	99
3) Chloromethane	1.294	50	38925	15.748	ug/l	99
4) Vinyl Chloride	1.374	62	43135	16.474	ug/l	97
5) Bromomethane	1.599	94	23918	14.095	ug/l	99
6) Chloroethane	1.685	64	27054	15.802	ug/l	97
7) Trichlorofluoromethane	1.886	101	76561	16.826	ug/l	99
8) Diethyl Ether	2.136	74	28694	17.085	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	49810	18.705	ug/l	96
10) Methyl Iodide	2.453	142	52176	15.957	ug/l	94
11) Tert butyl alcohol	2.977	59	63730	81.753	ug/l	98
12) 1,1-Dichloroethene	2.319	96	42944	17.473	ug/l	96
13) Acrolein	2.239	56	33514	64.562	ug/l	100
14) Allyl chloride	2.666	41	75032	17.569	ug/l	92
15) Acrylonitrile	3.075	53	134460	88.706	ug/l	99
16) Acetone	2.386	43	122344	83.454	ug/l	92
17) Carbon Disulfide	2.514	76	75032	14.476	ug/l	98
18) Methyl Acetate	2.715	43	64499	18.125	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	170235	18.520	ug/l	98
20) Methylene Chloride	2.794	84	51540	16.329	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	45167	17.017	ug/l	97
22) Diisopropyl ether	3.770	45	158517	17.606	ug/l	97
23) Vinyl Acetate	3.727	43	667091	87.541	ug/l	96
24) 1,1-Dichloroethane	3.611	63	90636	17.816	ug/l	99
25) 2-Butanone	4.568	43	186742	84.473	ug/l	95
26) 2,2-Dichloropropane	4.477	77	81516	19.091	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	56781	17.661	ug/l	99
28) Bromochloromethane	4.910	49	41880	17.352	ug/l	99
29) Tetrahydrofuran	5.019	42	118829	83.620	ug/l	94
30) Chloroform	5.105	83	99984	18.194	ug/l	100
31) Cyclohexane	5.477	56	72646	16.374	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	89505	18.701	ug/l	100
36) 1,1-Dichloropropene	5.702	75	65923	17.252	ug/l	99
37) Ethyl Acetate	4.727	43	72038	17.282	ug/l	96
38) Carbon Tetrachloride	5.684	117	76227	19.112	ug/l	99
39) Methylcyclohexane	7.385	83	79327	17.750	ug/l	97
40) Benzene	6.044	78	196657	17.726	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071421\
 Data File : VX023272.D
 Acq On : 14 Jul 2021 12:22
 Operator : JC/MD
 Sample : VX0714WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/15/2021 5:51:55 PM

Quant Time: Jul 15 04:25:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	40306	17.297	ug/l	95
42) 1,2-Dichloroethane	6.098	62	83150	18.652	ug/l	95
43) Isopropyl Acetate	6.348	43	120376	17.362	ug/l	96
44) Trichloroethene	7.135	130	56934	18.091	ug/l	96
45) 1,2-Dichloropropane	7.434	63	52110	17.993	ug/l	97
46) Dibromomethane	7.586	93	37106	17.941	ug/l	99
47) Bromodichloromethane	7.830	83	69603	18.432	ug/l	98
48) Methyl methacrylate	7.696	41	58249	17.121	ug/l	91
49) 1,4-Dioxane	7.665	88	26738	349.198	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	379074	88.230	ug/l	92
52) Toluene	8.720	92	128583	17.909	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	76216	17.828	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	80952	17.752	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	56092	18.604	ug/l	97
56) Ethyl methacrylate	9.122	69	81950	17.590	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	89466	17.953	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	213413	87.277	ug/l	99
59) 2-Hexanone	9.433	43	286077	86.781	ug/l	90
60) Dibromochloromethane	9.525	129	52570	17.756	ug/l	98
61) 1,2-Dibromoethane	9.610	107	56781	18.349	ug/l	99
64) Tetrachloroethene	9.275	164	59086	19.138	ug/l	93
65) Chlorobenzene	10.079	112	144032	18.824	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	54724	19.780	ug/l	98
67) Ethyl Benzene	10.195	91	250915	18.550	ug/l	99
68) m/p-Xylenes	10.305	106	195878	37.930	ug/l	100
69) o-Xylene	10.646	106	97040	18.645	ug/l	100
70) Styrene	10.659	104	159236	18.730	ug/l	98
71) Bromoform	10.805	173	36471	18.307	ug/l #	99
73) Isopropylbenzene	10.963	105	258285	19.472	ug/l	99
74) N-amyl acetate	10.848	43	98715	17.538	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	79255	18.806	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	76286m	20.133	ug/l	
77) Bromobenzene	11.201	156	63195	19.081	ug/l	96
78) n-propylbenzene	11.305	91	292122	19.045	ug/l	98
79) 2-Chlorotoluene	11.366	91	182414	19.242	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	222446	19.476	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	22346	19.667	ug/l	89
82) 4-Chlorotoluene	11.457	91	205629	19.208	ug/l	100
83) tert-Butylbenzene	11.719	119	216856	20.004	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	219134	19.415	ug/l	100
85) sec-Butylbenzene	11.896	105	274202	19.658	ug/l	99
86) p-Isopropyltoluene	12.012	119	228298	19.511	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	118011	18.976	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	118954	18.996	ug/l	98
89) n-Butylbenzene	12.335	91	191928	18.725	ug/l	98
90) Hexachloroethane	12.542	117	34115	19.018	ug/l	94
91) 1,2-Dichlorobenzene	12.341	146	119965	19.391	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17309	18.452	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	71961	18.883	ug/l	98
94) Hexachlorobutadiene	13.731	225	32625	20.219	ug/l	99
95) Naphthalene	13.780	128	238628	17.818	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	75202	19.620	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071421\
Data File : VX023272.D
Acq On : 14 Jul 2021 12:22
Operator : JC/MD
Sample : VX0714WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Manual Integrations
APPROVED

MMDadoda
7/15/2021 5:51:55 PM

Quant Time: Jul 15 04:25:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
Response via : Initial Calibration

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

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

