

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023376.D
 Acq On : 22 Jul 2021 16:12
 Operator : JC/MD
 Sample : VX0722WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:13:58 PM

Quant Time: Jul 23 06:07:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	233246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	370004	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	335337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	143506	49.323	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.640%			
35) Dibromofluoromethane	5.391	113	116008	50.145	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.300%			
50) Toluene-d8	8.653	98	440781	51.859	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.720%			
62) 4-Bromofluorobenzene	11.085	95	149790	51.827	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	42908	19.996	ug/l	100
3) Chloromethane	1.294	50	46891	18.759	ug/l	99
4) Vinyl Chloride	1.374	62	47333	18.706	ug/l	98
5) Bromomethane	1.599	94	32544	21.664	ug/l	98
6) Chloroethane	1.685	64	29877	19.239	ug/l	98
7) Trichlorofluoromethane	1.886	101	76479	18.760	ug/l	98
8) Diethyl Ether	2.136	74	28293	18.803	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	44463	19.251	ug/l	96
10) Methyl Iodide	2.453	142	42011	14.518	ug/l	99
11) Tert butyl alcohol	2.971	59	56428	84.898	ug/l	99
12) 1,1-Dichloroethene	2.319	96	41715	18.202	ug/l	98
13) Acrolein	2.239	56	29734	88.883	ug/l	99
14) Allyl chloride	2.666	41	74224	17.814	ug/l	95
15) Acrylonitrile	3.068	53	137158	91.384	ug/l	99
16) Acetone	2.386	43	117058	82.016	ug/l	91
17) Carbon Disulfide	2.514	76	98819	17.486	ug/l	100
18) Methyl Acetate	2.709	43	60707	17.893	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	145502	18.259	ug/l	100
20) Methylene Chloride	2.794	84	49043	17.665	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	44437	18.252	ug/l	99
22) Diisopropyl ether	3.769	45	153656	18.681	ug/l	95
23) Vinyl Acetate	3.727	43	670823	92.390	ug/l	96
24) 1,1-Dichloroethane	3.611	63	83029	18.366	ug/l	96
25) 2-Butanone	4.562	43	193632	87.388	ug/l	92
26) 2,2-Dichloropropane	4.483	77	66867	18.085	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	52517	18.574	ug/l	99
28) Bromochloromethane	4.910	49	38289	18.148	ug/l	95
29) Tetrahydrofuran	5.013	42	127391	87.712	ug/l	91
30) Chloroform	5.105	83	84907	18.350	ug/l	100
31) Cyclohexane	5.477	56	78363	18.181	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	73665	18.628	ug/l	98
36) 1,1-Dichloropropene	5.696	75	62914	18.797	ug/l	98
37) Ethyl Acetate	4.721	43	74359	17.620	ug/l	95
38) Carbon Tetrachloride	5.684	117	63067	18.528	ug/l	98
39) Methylcyclohexane	7.385	83	81174	19.204	ug/l	94
40) Benzene	6.043	78	187811	18.925	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023376.D
 Acq On : 22 Jul 2021 16:12
 Operator : JC/MD
 Sample : VX0722WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:13:58 PM

Quant Time: Jul 23 06:07:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	40473	18.163	ug/l	94
42) 1,2-Dichloroethane	6.092	62	67488	18.392	ug/l	96
43) Isopropyl Acetate	6.348	43	119622	18.293	ug/l	93
44) Trichloroethene	7.129	130	50523	18.531	ug/l	98
45) 1,2-Dichloropropane	7.440	63	48767	18.570	ug/l	96
46) Dibromomethane	7.586	93	33882	19.021	ug/l	98
47) Bromodichloromethane	7.824	83	59377	18.502	ug/l	96
48) Methyl methacrylate	7.696	41	57497	18.985	ug/l	90
49) 1,4-Dioxane	7.665	88	22469	348.410	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	388062	97.021	ug/l	91
52) Toluene	8.720	92	117378	19.091	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	68172	17.957	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	74612	18.650	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	48606	19.523	ug/l	98
56) Ethyl methacrylate	9.122	69	76479	19.164	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	80408	19.007	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	190572	90.143	ug/l	97
59) 2-Hexanone	9.433	43	296739	97.697	ug/l	88
60) Dibromochloromethane	9.525	129	45819	17.929	ug/l	99
61) 1,2-Dibromoethane	9.610	107	51318	19.320	ug/l	98
64) Tetrachloroethene	9.275	164	50950	19.091	ug/l	94
65) Chlorobenzene	10.079	112	128129	18.668	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	45987	18.071	ug/l	99
67) Ethyl Benzene	10.195	91	223672	18.790	ug/l	99
68) m/p-Xylenes	10.305	106	168990	36.913	ug/l	99
69) o-Xylene	10.646	106	83782	18.459	ug/l	96
70) Styrene	10.659	104	134833	18.749	ug/l	99
71) Bromoform	10.805	173	30356	17.171	ug/l #	99
73) Isopropylbenzene	10.963	105	219903	19.699	ug/l	98
74) N-amyl acetate	10.848	43	97124	19.071	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	69712	19.170	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	65393m	20.087	ug/l	
77) Bromobenzene	11.201	156	53887	20.011	ug/l	93
78) n-propylbenzene	11.305	91	248061	19.634	ug/l	99
79) 2-Chlorotoluene	11.366	91	148726	19.700	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	182310	20.054	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	19979	16.501	ug/l	91
82) 4-Chlorotoluene	11.457	91	165148	19.336	ug/l	99
83) tert-Butylbenzene	11.719	119	174326	19.549	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	181342	20.053	ug/l	99
85) sec-Butylbenzene	11.896	105	225307	19.486	ug/l	100
86) p-Isopropyltoluene	12.012	119	185062	19.820	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	95411	19.151	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	94155	18.625	ug/l	98
89) n-Butylbenzene	12.335	91	163552	19.349	ug/l	98
90) Hexachloroethane	12.542	117	27230	17.563	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	91750	19.020	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13448	16.716	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	57616	19.010	ug/l	100
94) Hexachlorobutadiene	13.725	225	26432	19.434	ug/l	99
95) Naphthalene	13.780	128	197211	18.925	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	58136	18.995	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023376.D
 Acq On : 22 Jul 2021 16:12
 Operator : JC/MD
 Sample : VX0722WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:13:58 PM

Quant Time: Jul 23 06:07:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

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

