

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051921\
 Data File : VX022095.D
 Acq On : 19 May 2021 18:09
 Operator : JC/MD
 Sample : VX0519WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/21/2021 1:50:22 PM

Quant Time: May 20 04:31:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	87561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	170124	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	148830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67720	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	63245	46.82	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.64%		
35) Dibromofluoromethane	5.397	113	49438	45.82	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.64%		
50) Toluene-d8	8.653	98	188092	45.26	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.52%#		
62) 4-Bromofluorobenzene	11.085	95	71014	46.23	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.46%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	19459	18.28	ug/l	99
3) Chloromethane	1.294	50	21884	19.06	ug/l	97
4) Vinyl Chloride	1.374	62	22794	18.76	ug/l	98
5) Bromomethane	1.605	94	13596	19.19	ug/l	98
6) Chloroethane	1.685	64	13934	19.26	ug/l	99
7) Trichlorofluoromethane	1.886	101	32132	18.39	ug/l	94
8) Diethyl Ether	2.136	74	14004	18.64	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	19247	18.55	ug/l	91
10) Methyl Iodide	2.453	142	18607	16.69	ug/l	96
11) Tert butyl alcohol	2.977	59	29311	94.88	ug/l	98
12) 1,1-Dichloroethene	2.319	96	18266	18.20	ug/l	99
13) Acrolein	2.239	56	16487	80.47	ug/l	96
14) Allyl chloride	2.666	41	34683	18.82	ug/l	96
15) Acrylonitrile	3.069	53	59408	97.68	ug/l	99
16) Acetone	2.386	43	52985	90.09	ug/l	99
17) Carbon Disulfide	2.514	76	44462	16.92	ug/l	99
18) Methyl Acetate	2.709	43	29264	18.71	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	65020	18.91	ug/l	97
20) Methylene Chloride	2.794	84	22224	17.02	ug/l #	90
21) trans-1,2-Dichloroethene	3.093	96	20587	18.86	ug/l	98
22) Diisopropyl ether	3.770	45	65708	18.51	ug/l	93
23) Vinyl Acetate	3.727	43	318920	93.30	ug/l	97
24) 1,1-Dichloroethane	3.617	63	39490	18.96	ug/l	99
25) 2-Butanone	4.568	43	92532	97.25	ug/l	97
26) 2,2-Dichloropropane	4.489	77	31233	16.89	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	24923	18.77	ug/l	99
28) Bromochloromethane	4.910	49	18250	18.06	ug/l	84
29) Tetrahydrofuran	5.019	42	53281	94.08	ug/l	92
30) Chloroform	5.105	83	39761	18.47	ug/l	97
31) Cyclohexane	5.483	56	30331	17.87	ug/l	94
32) 1,1,1-Trichloroethane	5.397	97	34916	18.98	ug/l	99
36) 1,1-Dichloropropene	5.702	75	28820	18.32	ug/l	99
37) Ethyl Acetate	4.733	43	35341	18.33	ug/l	96
38) Carbon Tetrachloride	5.690	117	28392	18.45	ug/l	97
39) Methylcyclohexane	7.385	83	31589	17.71	ug/l	99
40) Benzene	6.050	78	90477	18.69	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051921\
 Data File : VX022095.D
 Acq On : 19 May 2021 18:09
 Operator : JC/MD
 Sample : VX0519WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/21/2021 1:50:22 PM

Quant Time: May 20 04:31:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	19092	18.51	ug/l	95
42) 1,2-Dichloroethane	6.092	62	32155	18.96	ug/l	100
43) Isopropyl Acetate	6.348	43	58472	18.54	ug/l	95
44) Trichloroethene	7.135	130	21809	18.13	ug/l	95
45) 1,2-Dichloropropane	7.440	63	23574	19.09	ug/l	99
46) Dibromomethane	7.592	93	15793	18.85	ug/l #	86
47) Bromodichloromethane	7.830	83	30600	18.26	ug/l	100
48) Methyl methacrylate	7.702	41	27631	19.01	ug/l	91
49) 1,4-Dioxane	7.677	88	10999	388.62	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	182897	96.80	ug/l	91
52) Toluene	8.726	92	56162	18.32	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	34833	18.00	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	37390	17.97	ug/l	97
55) 1,1,2-Trichloroethane	9.159	97	23267	18.70	ug/l	98
56) Ethyl methacrylate	9.122	69	36904	18.35	ug/l #	90
57) 1,3-Dichloropropane	9.317	76	39359	18.53	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	97564	89.70	ug/l	99
59) 2-Hexanone	9.433	43	137385	96.68	ug/l	92
60) Dibromochloromethane	9.525	129	22653	18.71	ug/l	98
61) 1,2-Dibromoethane	9.616	107	23528	18.99	ug/l	99
64) Tetrachloroethene	9.281	164	19204	19.65	ug/l	96
65) Chlorobenzene	10.086	112	60264	19.45	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	21333	19.82	ug/l	96
67) Ethyl Benzene	10.201	91	107324	18.83	ug/l	96
68) m/p-Xylenes	10.305	106	83442	38.74	ug/l	98
69) o-Xylene	10.646	106	39725	18.96	ug/l	98
70) Styrene	10.659	104	66368	19.34	ug/l	99
71) Bromoform	10.805	173	14555	18.56	ug/l #	98
73) Isopropylbenzene	10.970	105	106803	18.63	ug/l	99
74) N-amyl acetate	10.848	43	49320	18.13	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.220	83	36693	19.31	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	32249m	19.30	ug/l	
77) Bromobenzene	11.201	156	23098	19.01	ug/l	93
78) n-propylbenzene	11.305	91	121867	18.15	ug/l	99
79) 2-Chlorotoluene	11.366	91	73611	18.08	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	88162	18.56	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	12372	17.55	ug/l	96
82) 4-Chlorotoluene	11.457	91	83185	17.73	ug/l	98
83) tert-Butylbenzene	11.719	119	84385	18.52	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	88181	18.44	ug/l	99
85) sec-Butylbenzene	11.896	105	107440	18.56	ug/l	97
86) p-Isopropyltoluene	12.012	119	90056	18.42	ug/l	98
87) 1,3-Dichlorobenzene	11.976	146	42667	18.21	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	43950	18.15	ug/l	96
89) n-Butylbenzene	12.335	91	81666	18.05	ug/l	99
90) Hexachloroethane	12.542	117	15126	18.72	ug/l	77
91) 1,2-Dichlorobenzene	12.341	146	43237	19.21	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8138	20.02	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	24414	17.98	ug/l	96
94) Hexachlorobutadiene	13.731	225	9729	18.35	ug/l	99
95) Naphthalene	13.780	128	103387	19.52	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	25482	18.61	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051921\
 Data File : VX022095.D
 Acq On : 19 May 2021 18:09
 Operator : JC/MD
 Sample : VX0519WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/21/2021 1:50:22 PM

Quant Time: May 20 04:31:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

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

