

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052521\
 Data File : VX022171.D
 Acq On : 25 May 2021 13:02
 Operator : JC/MD
 Sample : VX0525WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/27/2021 10:30:12 AM

Quant Time: May 26 01:55:28 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	87458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	171058	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	155678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68040	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	69862	51.78	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.56%			
35) Dibromofluoromethane	5.391	113	53954	49.74	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.48%			
50) Toluene-d8	8.653	98	211093	50.52	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.04%			
62) 4-Bromofluorobenzene	11.085	95	76574	49.58	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.16%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	19547	18.38	ug/l	97
3) Chloromethane	1.294	50	20580	17.94	ug/l	99
4) Vinyl Chloride	1.374	62	21960	18.10	ug/l	96
5) Bromomethane	1.599	94	12702	17.95	ug/l	86
6) Chloroethane	1.685	64	14079	19.48	ug/l	100
7) Trichlorofluoromethane	1.886	101	32065	18.38	ug/l	99
8) Diethyl Ether	2.136	74	13636	18.17	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.325	101	19409	18.73	ug/l	88
10) Methyl Iodide	2.453	142	17181	15.43	ug/l	96
11) Tert butyl alcohol	2.977	59	32816	106.35	ug/l	99
12) 1,1-Dichloroethene	2.319	96	18876	18.83	ug/l	97
13) Acrolein	2.239	56	18903	92.37	ug/l	100
14) Allyl chloride	2.666	41	34704	18.85	ug/l	97
15) Acrylonitrile	3.075	53	62338	102.62	ug/l	99
16) Acetone	2.386	43	58366	99.36	ug/l	97
17) Carbon Disulfide	2.514	76	41715	15.89	ug/l	98
18) Methyl Acetate	2.709	43	31183	19.96	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	66471	19.36	ug/l	97
20) Methylene Chloride	2.794	84	23359	17.91	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	20522	18.82	ug/l	97
22) Diisopropyl ether	3.770	45	67426	19.02	ug/l	95
23) Vinyl Acetate	3.733	43	322254	94.39	ug/l	97
24) 1,1-Dichloroethane	3.617	63	40396	19.41	ug/l	98
25) 2-Butanone	4.568	43	96442	101.48	ug/l	98
26) 2,2-Dichloropropane	4.483	77	34428	18.64	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	24950	18.82	ug/l	100
28) Bromochloromethane	4.910	49	18263	18.09	ug/l	85
29) Tetrahydrofuran	5.019	42	55878	98.79	ug/l	93
30) Chloroform	5.105	83	40516	18.84	ug/l	97
31) Cyclohexane	5.470	56	30304	17.88	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	35600	19.38	ug/l	97
36) 1,1-Dichloropropene	5.702	75	29166	18.44	ug/l	99
37) Ethyl Acetate	4.727	43	36608	18.88	ug/l	97
38) Carbon Tetrachloride	5.684	117	28046	18.13	ug/l	97
39) Methylcyclohexane	7.385	83	31360	17.48	ug/l	96
40) Benzene	6.050	78	92146	18.93	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052521\
 Data File : VX022171.D
 Acq On : 25 May 2021 13:02
 Operator : JC/MD
 Sample : VX0525WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/27/2021 10:30:12 AM

Quant Time: May 26 01:55:28 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	19892	19.18	ug/l	95
42) 1,2-Dichloroethane	6.098	62	32024	18.78	ug/l	99
43) Isopropyl Acetate	6.348	43	60054	18.94	ug/l	95
44) Trichloroethene	7.135	130	21983	18.18	ug/l	98
45) 1,2-Dichloropropane	7.440	63	24474	19.71	ug/l	100
46) Dibromomethane	7.586	93	15691	18.63	ug/l #	87
47) Bromodichloromethane	7.830	83	29930	17.76	ug/l	97
48) Methyl methacrylate	7.702	41	27991	19.15	ug/l	91
49) 1,4-Dioxane	7.665	88	12014	422.17	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	191497	100.80	ug/l	93
52) Toluene	8.726	92	57660	18.71	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	35232	18.11	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	38909	18.60	ug/l	97
55) 1,1,2-Trichloroethane	9.159	97	23914	19.11	ug/l	96
56) Ethyl methacrylate	9.122	69	38923	19.25	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	40890	19.14	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	99157	90.66	ug/l	97
59) 2-Hexanone	9.433	43	145684	101.96	ug/l	92
60) Dibromochloromethane	9.525	129	21164	17.39	ug/l	98
61) 1,2-Dibromoethane	9.616	107	23748	19.06	ug/l	98
64) Tetrachloroethene	9.275	164	19078	18.67	ug/l	90
65) Chlorobenzene	10.085	112	59898	18.48	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	20282	18.01	ug/l	95
67) Ethyl Benzene	10.195	91	110645	18.56	ug/l	100
68) m/p-Xylenes	10.305	106	82868	36.78	ug/l	99
69) o-Xylene	10.646	106	40358	18.42	ug/l	99
70) Styrene	10.659	104	67670	18.85	ug/l	99
71) Bromoform	10.805	173	12930	15.97	ug/l #	95
73) Isopropylbenzene	10.963	105	109162	18.96	ug/l	98
74) N-amyl acetate	10.848	43	52241	19.11	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	37782	19.79	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	33421m	19.91	ug/l	
77) Bromobenzene	11.201	156	23095	18.91	ug/l	90
78) n-propylbenzene	11.311	91	125016	18.53	ug/l	98
79) 2-Chlorotoluene	11.366	91	74377	18.18	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	91660	19.20	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	12691	17.91	ug/l	98
82) 4-Chlorotoluene	11.457	91	86333	18.32	ug/l	98
83) tert-Butylbenzene	11.719	119	86674	18.93	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	91546	19.06	ug/l	99
85) sec-Butylbenzene	11.896	105	110513	19.00	ug/l	97
86) p-Isopropyltoluene	12.012	119	90133	18.35	ug/l	96
87) 1,3-Dichlorobenzene	11.975	146	43442	18.45	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	44401	18.25	ug/l	96
89) n-Butylbenzene	12.335	91	84328	18.56	ug/l	99
90) Hexachloroethane	12.542	117	13674	16.84	ug/l	75
91) 1,2-Dichlorobenzene	12.341	146	42096	18.62	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8019	19.63	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	25397	18.61	ug/l	98
94) Hexachlorobutadiene	13.731	225	9634	18.09	ug/l	99
95) Naphthalene	13.780	128	104743	19.68	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	26483	19.25	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052521\
Data File : VX022171.D
Acq On : 25 May 2021 13:02
Operator : JC/MD
Sample : VX0525WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

Manual Integrations
APPROVED

MMDadoda
5/27/2021 10:30:12 AM

Quant Time: May 26 01:55:28 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

