

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062420\
 Data File : VW015675.D
 Acq On : 24 Jun 2020 11:52
 Operator : SY/VA
 Sample : VW0624SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 4:15:30 PM

Quant Time: Jun 25 02:50:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	201136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	321034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	293077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	149703	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	112370	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
35) Dibromofluoromethane	7.89	113	101196	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
50) Toluene-d8	10.32	98	403863	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.62	95	148364	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	23223	19.364	ug/l	96
3) Chloromethane	2.21	50	29185	20.724	ug/l	100
4) Vinyl Chloride	2.37	62	47963	21.067	ug/l	99
5) Bromomethane	2.79	94	37962	22.686	ug/l	97
6) Chloroethane	2.93	64	34162	22.801	ug/l	99
7) Trichlorofluoromethane	3.26	101	35095	20.530	ug/l	95
8) Diethyl Ether	3.68	74	20864	21.133	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	42178	20.932	ug/l	98
10) Methyl Iodide	4.27	142	57800	20.287	ug/l	99
11) Tert butyl alcohol	5.23	59	12448m	77.373	ug/l	
12) 1,1-Dichloroethene	4.04	96	39620	20.193	ug/l	98
13) Acrolein	3.90	56	13822	88.910	ug/l	96
14) Allyl chloride	4.67	41	64165	20.158	ug/l	99
15) Acrylonitrile	5.38	53	39775	97.648	ug/l	99
16) Acetone	4.15	43	37804	88.860	ug/l	97
17) Carbon Disulfide	4.38	76	111338	19.717	ug/l	99
18) Methyl Acetate	4.68	43	19741	19.611	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	60817	20.596	ug/l	98
20) Methylene Chloride	4.92	84	54244	23.781	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	46532	20.686	ug/l	96
22) Diisopropyl ether	6.32	45	131345	20.746	ug/l	95
23) Vinyl Acetate	6.26	43	374254	101.370	ug/l	100
24) 1,1-Dichloroethane	6.22	63	84049	21.090	ug/l	100
25) 2-Butanone	7.18	43	55114	95.852	ug/l	99
26) 2,2-Dichloropropane	7.17	77	55783	20.870	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	50365	20.813	ug/l	99
28) Bromochloromethane	7.51	49	32402	21.137	ug/l	98
29) Tetrahydrofuran	7.54	42	32876	97.299	ug/l	99
30) Chloroform	7.68	83	85634	20.952	ug/l	99
31) Cyclohexane	7.96	56	75852	19.676	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	71788	20.606	ug/l	99
36) 1,1-Dichloropropene	8.08	75	69059	20.682	ug/l	99
37) Ethyl Acetate	7.26	43	25275	19.825	ug/l	99
38) Carbon Tetrachloride	8.07	117	66100	20.422	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062420\
 Data File : VW015675.D
 Acq On : 24 Jun 2020 11:52
 Operator : SY/VA
 Sample : VW0624SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0624SBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 4:15:30 PM

Quant Time: Jun 25 02:50:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	80199	19.830	ug/l	97
40) Benzene	8.32	78	189579	20.881	ug/l	100
41) Methacrylonitrile	7.49	41	14610	19.967	ug/l	95
42) 1,2-Dichloroethane	8.40	62	58548	20.845	ug/l	99
43) Isopropyl Acetate	8.43	43	50883	19.999	ug/l	99
44) Trichloroethene	9.09	130	50597	20.676	ug/l	98
45) 1,2-Dichloropropane	9.37	63	45904	20.685	ug/l	99
46) Dibromomethane	9.46	93	23728	20.665	ug/l	97
47) Bromodichloromethane	9.65	83	61032	20.377	ug/l	100
48) Methyl methacrylate	9.44	41	23045	19.812	ug/l	99
49) 1,4-Dioxane	9.48	88	5388	357.703	ug/l #	72
51) 4-Methyl-2-Pentanone	10.21	43	121605	99.111	ug/l	99
52) Toluene	10.39	92	124552	21.245	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	57326	19.812	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	68911	19.936	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32775	20.530	ug/l	97
56) Ethyl methacrylate	10.65	69	39347	19.808	ug/l #	92
57) 1,3-Dichloropropane	10.93	76	58600	20.705	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	100050	106.435	ug/l	99
59) 2-Hexanone	10.97	43	82358	98.596	ug/l	98
60) Dibromochloromethane	11.13	129	37739	20.286	ug/l	97
61) 1,2-Dibromoethane	11.24	107	31495	20.639	ug/l	99
64) Tetrachloroethene	10.87	164	42915	20.843	ug/l	97
65) Chlorobenzene	11.66	112	130610	21.137	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	45799	21.139	ug/l	99
67) Ethyl Benzene	11.73	91	242256	21.066	ug/l	100
68) m/p-Xylenes	11.84	106	182849	42.344	ug/l	98
69) o-Xylene	12.17	106	82441	20.764	ug/l	100
70) Styrene	12.18	104	142901	21.066	ug/l	99
71) Bromoform	12.35	173	20061	20.124	ug/l #	100
73) Isopropylbenzene	12.47	105	234369	20.523	ug/l	99
74) N-amyl acetate	12.27	43	47382	19.572	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	37377	20.459	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	27022m	19.789	ug/l	
77) Bromobenzene	12.75	156	53141	20.869	ug/l	98
78) n-propylbenzene	12.80	91	286342	20.831	ug/l	100
79) 2-Chlorotoluene	12.90	91	161278	20.838	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	201344	20.808	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	10306	19.019	ug/l	93
82) 4-Chlorotoluene	12.99	91	171282	20.918	ug/l	100
83) tert-Butylbenzene	13.21	119	167935	20.540	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	204267	21.167	ug/l	99
85) sec-Butylbenzene	13.38	105	247953	21.220	ug/l	99
86) p-Isopropyltoluene	13.50	119	225251	21.217	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	104085	20.591	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	102293	20.432	ug/l	99
89) n-Butylbenzene	13.82	91	215015	21.098	ug/l	98
90) Hexachloroethane	14.10	117	37797	20.006	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	91678	20.976	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	5666	19.368	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062420\
Data File : VW015675.D
Acq On : 24 Jun 2020 11:52
Operator : SY/VA
Sample : VW0624SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Manual Integrations
APPROVED

MMDadoda
6/25/2020 4:15:30 PM

Quant Time: Jun 25 02:50:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 23 13:20:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	58573	20.294	ug/l	96
94) Hexachlorobutadiene	15.24	225	37725	20.517	ug/l	98
95) Naphthalene	15.37	128	91570	19.182	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	47688	19.190	ug/l	100

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

