

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060721\
 Data File : VD069361.D
 Acq On : 07 Jun 2021 11:58
 Operator : VA/SY
 Sample : VD0607SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/8/2021 2:58:26 PM

Quant Time: Jun 08 04:21:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	406265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	662083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	634541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	319212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	185590	47.609	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.220%		
35) Dibromofluoromethane	7.914	113	203857	49.031	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.060%		
50) Toluene-d8	10.338	98	719917	47.617	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.240%		
62) 4-Bromofluorobenzene	12.626	95	242179	48.885	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	73237	17.126	ug/l	92
3) Chloromethane	2.209	50	72533	22.467	ug/l	100
4) Vinyl Chloride	2.350	62	69709	21.195	ug/l	96
5) Bromomethane	2.756	94	50897	21.212	ug/l	87
6) Chloroethane	2.915	64	41652	22.194	ug/l	91
7) Trichlorofluoromethane	3.274	101	142596	18.640	ug/l	99
8) Diethyl Ether	3.715	74	36425	19.381	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	88140	19.566	ug/l	98
10) Methyl Iodide	4.303	142	65100	15.953	ug/l	97
11) Tert butyl alcohol	5.215	59	27039	97.134	ug/l #	84
12) 1,1-Dichloroethene	4.068	96	74202	18.210	ug/l	95
13) Acrolein	3.926	56	17293	79.037	ug/l	99
14) Allyl chloride	4.715	41	91468	18.605	ug/l	99
15) Acrylonitrile	5.415	53	68657	93.707	ug/l	99
16) Acetone	4.156	43	59140	86.936	ug/l	100
17) Carbon Disulfide	4.403	76	247500	18.368	ug/l	99
18) Methyl Acetate	4.715	43	33717	18.316	ug/l	93
19) Methyl tert-butyl Ether	5.485	73	135890	18.158	ug/l	99
20) Methylene Chloride	4.956	84	116044	19.140	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	90993	18.855	ug/l	93
22) Diisopropyl ether	6.362	45	192825	20.421	ug/l	96
23) Vinyl Acetate	6.309	43	478895	87.298	ug/l	99
24) 1,1-Dichloroethane	6.267	63	154805	19.592	ug/l	98
25) 2-Butanone	7.209	43	80795	90.260	ug/l	99
26) 2,2-Dichloropropane	7.209	77	137713	18.914	ug/l	98
27) cis-1,2-Dichloroethene	7.215	96	99193	19.405	ug/l	99
28) Bromochloromethane	7.544	49	53548	19.546	ug/l	97
29) Tetrahydrofuran	7.562	42	44210	85.928	ug/l	98
30) Chloroform	7.709	83	174015	20.144	ug/l	100
31) Cyclohexane	7.985	56	110133	17.780	ug/l	93
32) 1,1,1-Trichloroethane	7.903	97	152987	19.624	ug/l	99
36) 1,1-Dichloropropene	8.114	75	122086	18.971	ug/l	98
37) Ethyl Acetate	7.291	43	37221	17.034	ug/l	97
38) Carbon Tetrachloride	8.097	117	133677	19.239	ug/l	93
39) Methylcyclohexane	9.350	83	115019	17.471	ug/l	93
40) Benzene	8.350	78	371097	19.855	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060721\
 Data File : VD069361.D
 Acq On : 07 Jun 2021 11:58
 Operator : VA/SY
 Sample : VD0607SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/8/2021 2:58:26 PM

Quant Time: Jun 08 04:21:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	21643	20.401	ug/l #	78
42) 1,2-Dichloroethane	8.420	62	97637	19.575	ug/l	99
43) Isopropyl Acetate	8.450	43	74876	18.828	ug/l	99
44) Trichloroethene	9.109	130	100712	19.832	ug/l	88
45) 1,2-Dichloropropane	9.385	63	89283	20.063	ug/l	99
46) Dibromomethane	9.473	93	49855	19.601	ug/l	94
47) Bromodichloromethane	9.661	83	131822	20.099	ug/l	92
48) Methyl methacrylate	9.456	41	32643	17.680	ug/l	89
49) 1,4-Dioxane	9.456	88	8853	354.332	ug/l	99
51) 4-Methyl-2-Pentanone	10.226	43	189435	92.226	ug/l	98
52) Toluene	10.403	92	238468	20.214	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	111102	18.967	ug/l	100
54) cis-1,3-Dichloropropene	10.091	75	136796	19.588	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	71551	20.280	ug/l	94
56) Ethyl methacrylate	10.661	69	67464	18.520	ug/l	99
57) 1,3-Dichloropropane	10.944	76	114724	20.054	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	176808	107.023	ug/l	100
59) 2-Hexanone	10.985	43	123642	90.049	ug/l	97
60) Dibromochloromethane	11.138	129	88639	19.938	ug/l	100
61) 1,2-Dibromoethane	11.244	107	67304	19.998	ug/l	100
64) Tetrachloroethene	10.873	164	88767	20.098	ug/l	97
65) Chlorobenzene	11.667	112	257038	19.822	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	98368	20.247	ug/l	100
67) Ethyl Benzene	11.744	91	422700	18.974	ug/l	98
68) m/p-Xylenes	11.850	106	342246	39.205	ug/l	99
69) o-Xylene	12.179	106	152028	19.691	ug/l	98
70) Styrene	12.191	104	271039	20.223	ug/l	99
71) Bromoform	12.355	173	51129	20.290	ug/l #	96
73) Isopropylbenzene	12.473	105	402140	18.408	ug/l	99
74) N-amyl acetate	12.285	43	68098	17.651	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	76316	18.713	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	59226m	21.355	ug/l	
77) Bromobenzene	12.755	156	101521	19.296	ug/l	96
78) n-propylbenzene	12.814	91	501345	18.712	ug/l	100
79) 2-Chlorotoluene	12.902	91	287716	18.891	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	352980	19.078	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	20672	16.517	ug/l	89
82) 4-Chlorotoluene	12.997	91	307650	19.200	ug/l	99
83) tert-Butylbenzene	13.220	119	282744	18.248	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	351384	19.096	ug/l	100
85) sec-Butylbenzene	13.397	105	421379	18.425	ug/l	99
86) p-Isopropyltoluene	13.508	119	374255	18.715	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	207999	19.536	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	204382	19.260	ug/l	98
89) n-Butylbenzene	13.838	91	337572	18.043	ug/l	99
90) Hexachloroethane	14.102	117	71436	18.805	ug/l	100
91) 1,2-Dichlorobenzene	13.885	146	177899	19.390	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	10889	16.761	ug/l	96
93) 1,2,4-Trichlorobenzene	15.149	180	100886	18.327	ug/l	99
94) Hexachlorobutadiene	15.261	225	63581	18.397	ug/l	98
95) Naphthalene	15.391	128	162146	17.204	ug/l	99
96) 1,2,3-Trichlorobenzene	15.585	180	88232	18.211	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060721\
Data File : VD069361.D
Acq On : 07 Jun 2021 11:58
Operator : VA/SY
Sample : VD0607SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0607SBS01

Manual Integrations
APPROVED

MMDadoda
6/8/2021 2:58:26 PM

Quant Time: Jun 08 04:21:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 02 02:17:36 2021
Response via : Initial Calibration

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

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

