

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090821\
 Data File : VD070292.D
 Acq On : 08 Sep 2021 13:09
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD090821

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 10:49:08 AM

Quant Time: Sep 09 03:08:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	398526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	729666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	724201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	312100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	241172	47.130	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.260%		
35) Dibromofluoromethane	7.909	113	240356	46.277	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.560%		
50) Toluene-d8	10.332	98	933564	49.506	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.020%		
62) 4-Bromofluorobenzene	12.626	95	332291	50.420	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	200794	50.440	ug/l	96
3) Chloromethane	2.209	50	277566	51.616	ug/l	97
4) Vinyl Chloride	2.344	62	288577	46.023	ug/l	98
5) Bromomethane	2.762	94	223818	59.804	ug/l	98
6) Chloroethane	2.915	64	196569	51.923	ug/l	100
7) Trichlorofluoromethane	3.268	101	378274	45.611	ug/l	99
8) Diethyl Ether	3.709	74	116328	50.739	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.091	101	233709	45.366	ug/l	97
10) Methyl Iodide	4.297	142	214079	43.544	ug/l	100
11) Tert butyl alcohol	5.220	59	108464	187.463	ug/l #	100
12) 1,1-Dichloroethene	4.062	96	223978	48.274	ug/l	95
13) Acrolein	3.920	56	63743	250.579	ug/l	94
14) Allyl chloride	4.715	41	356502	52.289	ug/l	95
15) Acrylonitrile	5.420	53	278006	254.500	ug/l	99
16) Acetone	4.150	43	209143	228.923	ug/l	92
17) Carbon Disulfide	4.409	76	794119	46.390	ug/l	100
18) Methyl Acetate	4.720	43	133006	53.142	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	530706	52.929	ug/l	98
20) Methylene Chloride	4.962	84	290795	51.266	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	269063	48.716	ug/l	99
22) Diisopropyl ether	6.362	45	794977	54.477	ug/l	97
23) Vinyl Acetate	6.303	43	1904446	281.709	ug/l	97
24) 1,1-Dichloroethane	6.262	63	490088	47.465	ug/l	97
25) 2-Butanone	7.209	43	314566	258.660	ug/l	96
26) 2,2-Dichloropropane	7.209	77	389570	46.678	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	291618	49.153	ug/l	95
28) Bromochloromethane	7.544	49	210956	51.493	ug/l	91
29) Tetrahydrofuran	7.561	42	210611	269.778	ug/l	94
30) Chloroform	7.709	83	490858	46.371	ug/l	100
31) Cyclohexane	7.985	56	428693	48.634	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	408187	45.814	ug/l	97
36) 1,1-Dichloropropene	8.108	75	380036	48.728	ug/l	97
37) Ethyl Acetate	7.291	43	147691	50.642	ug/l	98
38) Carbon Tetrachloride	8.091	117	353568	45.838	ug/l	97
39) Methylcyclohexane	9.350	83	441393	50.660	ug/l	95
40) Benzene	8.350	78	1105337	48.362	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090821\
 Data File : VD070292.D
 Acq On : 08 Sep 2021 13:09
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD090821

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 10:49:08 AM

Quant Time: Sep 09 03:08:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	77558	50.545	ug/l	92
42) 1,2-Dichloroethane	8.420	62	289322	47.263	ug/l	97
43) Isopropyl Acetate	8.450	43	277594	51.479	ug/l	96
44) Trichloroethene	9.108	130	256766	47.007	ug/l	86
45) 1,2-Dichloropropane	9.385	63	290711	48.481	ug/l	96
46) Dibromomethane	9.473	93	143609	46.508	ug/l	97
47) Bromodichloromethane	9.655	83	366153	46.480	ug/l	99
48) Methyl methacrylate	9.450	41	134683	54.095	ug/l	94
49) 1,4-Dioxane	9.455	88	32326	1045.211	ug/l #	92
51) 4-Methyl-2-Pentanone	10.220	43	738471	264.651	ug/l	96
52) Toluene	10.397	92	675221	48.894	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	342361	50.523	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	408336	49.514	ug/l	95
55) 1,1,2-Trichloroethane	10.797	97	199366	46.933	ug/l	96
56) Ethyl methacrylate	10.655	69	248079	53.497	ug/l #	90
57) 1,3-Dichloropropane	10.944	76	349807	48.370	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	591885	264.820	ug/l	97
59) 2-Hexanone	10.979	43	495321	266.056	ug/l	96
60) Dibromochloromethane	11.132	129	228853	46.293	ug/l	98
61) 1,2-Dibromoethane	11.238	107	190903	48.867	ug/l	98
64) Tetrachloroethene	10.873	164	203331	46.115	ug/l	98
65) Chlorobenzene	11.667	112	729130	48.600	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	263934	48.034	ug/l	98
67) Ethyl Benzene	11.738	91	1339334	51.763	ug/l	99
68) m/p-Xylenes	11.849	106	1044777	104.551	ug/l	98
69) o-Xylene	12.173	106	473555	52.897	ug/l	97
70) Styrene	12.185	104	828652	52.986	ug/l	98
71) Bromoform	12.355	173	129415	47.654	ug/l	95
73) Isopropylbenzene	12.473	105	1248236	57.030	ug/l	100
74) N-amyl acetate	12.279	43	265933	55.764	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	237505	50.665	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	155817m	49.357	ug/l	
77) Bromobenzene	12.749	156	267687	53.011	ug/l	98
78) n-propylbenzene	12.814	91	1586150	55.835	ug/l	100
79) 2-Chlorotoluene	12.896	91	916985	55.379	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	1079822	57.164	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	71402	56.670	ug/l	99
82) 4-Chlorotoluene	12.996	91	967186	55.368	ug/l	99
83) tert-Butylbenzene	13.214	119	874821	57.745	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	1071176	57.585	ug/l	100
85) sec-Butylbenzene	13.391	105	1296202	53.826	ug/l	98
86) p-Isopropyltoluene	13.508	119	1059801	54.774	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	527148	50.141	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	507790	48.120	ug/l	100
89) n-Butylbenzene	13.832	91	1035890	53.698	ug/l	99
90) Hexachloroethane	14.102	117	210771	47.587	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	448972	48.402	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	33443	47.635	ug/l	94
93) 1,2,4-Trichlorobenzene	15.149	180	252211	50.350	ug/l	99
94) Hexachlorobutadiene	15.255	225	144720	47.102	ug/l	99
95) Naphthalene	15.385	128	491141	53.951	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	219979	49.774	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090821\
Data File : VD070292.D
Acq On : 08 Sep 2021 13:09
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD090821

Manual Integrations
APPROVED

MMDadoda
9/10/2021 10:49:08 AM

Quant Time: Sep 09 03:08:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration

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

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

