

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042220\
 Data File : VD065665.D
 Acq On : 22 Apr 2020 14:37
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 1:31:39 PM

Quant Time: Apr 23 04:06:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042220S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 03:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	230561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	323303	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	302640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	159847	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	39973	20.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.04%	
35) Dibromofluoromethane	7.91	113	40362	20.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.08%	
50) Toluene-d8	10.34	98	150346	20.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.34%	
62) 4-Bromofluorobenzene	12.64	95	46358	18.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	32860	17.693	ug/l	97
3) Chloromethane	2.21	50	38347	18.862	ug/l	97
4) Vinyl Chloride	2.35	62	43109	19.454	ug/l	94
5) Bromomethane	2.75	94	27029	22.121	ug/l	100
6) Chloroethane	2.91	64	27676	20.934	ug/l	96
7) Trichlorofluoromethane	3.27	101	64716	20.405	ug/l	97
8) Diethyl Ether	3.71	74	13194	20.448	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.08	101	31451	21.677	ug/l	98
10) Methyl Iodide	4.29	142	31858	16.267	ug/l	98
11) Tert butyl alcohol	5.24	59	11511	107.309	ug/l #	88
12) 1,1-Dichloroethene	4.06	96	27283	20.912	ug/l	95
13) Acrolein	3.92	56	9240	109.802	ug/l	98
14) Allyl chloride	4.70	41	59712	24.632	ug/l	93
15) Acrylonitrile	5.43	53	44940	109.062	ug/l	98
16) Acetone	4.16	43	29204	105.674	ug/l	95
17) Carbon Disulfide	4.40	76	125774	24.778	ug/l	99
18) Methyl Acetate	4.72	43	23620	26.059	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	78730	20.602	ug/l	98
20) Methylene Chloride	4.96	84	48817	22.437	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	45063	20.448	ug/l	93
22) Diisopropyl ether	6.37	45	124047	21.015	ug/l	97
23) Vinyl Acetate	6.31	43	332856	105.812	ug/l	99
24) 1,1-Dichloroethane	6.27	63	77485	20.594	ug/l	99
25) 2-Butanone	7.22	43	54031	107.221	ug/l	98
26) 2,2-Dichloropropane	7.21	77	66776	20.381	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	45562	19.863	ug/l	99
28) Bromochloromethane	7.55	49	32288	21.020	ug/l	98
29) Tetrahydrofuran	7.57	42	34584	108.242	ug/l	99
30) Chloroform	7.71	83	79588	20.765	ug/l	100
31) Cyclohexane	7.98	56	69242	19.316	ug/l #	93
32) 1,1,1-Trichloroethane	7.91	97	71529	20.657	ug/l	98
36) 1,1-Dichloropropene	8.11	75	62564	20.452	ug/l	98
37) Ethyl Acetate	7.30	43	25767	21.417	ug/l	98
38) Carbon Tetrachloride	8.10	117	66021	20.232	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042220\
 Data File : VD065665.D
 Acq On : 22 Apr 2020 14:37
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 1:31:39 PM

Quant Time: Apr 23 04:06:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042220S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 03:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	67632	19.150	ug/l	99
40) Benzene	8.35	78	174263	19.901	ug/l	96
41) Methacrylonitrile	7.53	41	13859m	21.847	ug/l	
42) 1,2-Dichloroethane	8.43	62	50398	21.087	ug/l	100
43) Isopropyl Acetate	8.46	43	44670	20.527	ug/l	97
44) Trichloroethene	9.11	130	49357	20.119	ug/l	95
45) 1,2-Dichloropropane	9.39	63	43864	20.492	ug/l	99
46) Dibromomethane	9.48	93	23258	21.002	ug/l	96
47) Bromodichloromethane	9.67	83	60106	20.438	ug/l	97
48) Methyl methacrylate	9.46	41	21086	20.274	ug/l	98
49) 1,4-Dioxane	9.47	88	5278	432.028	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	120514	109.329	ug/l	98
52) Toluene	10.41	92	110700	20.484	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	54538	20.433	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	66255	20.296	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	33393	21.548	ug/l	97
56) Ethyl methacrylate	10.67	69	33072	19.887	ug/l	98
57) 1,3-Dichloropropane	10.95	76	55310	20.958	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	91185	103.719	ug/l	100
59) 2-Hexanone	10.99	43	78768	105.319	ug/l	100
60) Dibromochloromethane	11.14	129	43875	21.312	ug/l	100
61) 1,2-Dibromoethane	11.25	107	31885	21.268	ug/l	97
64) Tetrachloroethene	10.88	164	42244	20.173	ug/l	97
65) Chlorobenzene	11.67	112	120673	20.765	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	45479	20.478	ug/l	99
67) Ethyl Benzene	11.75	91	201927	20.334	ug/l	100
68) m/p-Xylenes	11.86	106	161281	41.986	ug/l	99
69) o-Xylene	12.18	106	68413	20.444	ug/l	100
70) Styrene	12.20	104	123676	20.857	ug/l	99
71) Bromoform	12.37	173	27294	21.943	ug/l #	98
73) Isopropylbenzene	12.48	105	184570	19.806	ug/l	100
74) N-amyl acetate	12.30	43	40754	20.758	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	34757	20.604	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	24072m	19.966	ug/l	
77) Bromobenzene	12.77	156	50561	20.499	ug/l	96
78) n-propylbenzene	12.83	91	228839	20.294	ug/l	99
79) 2-Chlorotoluene	12.91	91	130030	20.270	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	162237	20.610	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	11479	20.333	ug/l	96
82) 4-Chlorotoluene	13.01	91	142522	20.636	ug/l	100
83) tert-Butylbenzene	13.23	119	129933	19.706	ug/l	98
84) 1,2,4-Trimethylbenzene	13.28	105	162233	20.691	ug/l	98
85) sec-Butylbenzene	13.41	105	188798	19.994	ug/l	100
86) p-Isopropyltoluene	13.53	119	176384	19.883	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	100772	20.769	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	98715	20.471	ug/l	97
89) n-Butylbenzene	13.86	91	144111	17.926	ug/l	99
90) Hexachloroethane	14.12	117	37229	19.954	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	81786	19.712	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	5546	21.675	ug/l	90

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD042220\
Data File : VD065665.D
Acq On : 22 Apr 2020 14:37
Operator : VA/SY
Sample : VSTDICC020
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

MMDadoda
4/23/2020 1:31:39 PM

Quant Time: Apr 23 04:06:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042220S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 03:30:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	56675	19.923	ug/l	99
94) Hexachlorobutadiene	15.28	225	38849	19.820	ug/l	99
95) Naphthalene	15.41	128	82807	19.850	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	50887	20.345	ug/l	99

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

