

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062895.D
 Acq On : 26 Jun 2019 1:14
 Operator : VA/AP
 Sample : VD0625SBSD02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBSD02

Quant Time: Jun 26 01:44:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	834917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1207051	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1025759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	564181	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	478922	52.77	ug/l	0.00
Spiked Amount			Recovery	=	105.54%	
35) Dibromofluoromethane	6.93	113	477722	46.94	ug/l	0.00
Spiked Amount			Recovery	=	93.88%	
50) Toluene-d8	10.41	98	1050970	47.44	ug/l	0.00
Spiked Amount			Recovery	=	94.88%	
62) 4-Bromofluorobenzene	13.55	95	483956	48.05	ug/l	0.00
Spiked Amount			Recovery	=	96.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	208344	19.284	ug/l	94
3) Chloromethane	1.75	50	159573	19.639	ug/l	90
4) Vinyl Chloride	1.85	62	149469	18.553	ug/l	98
5) Bromomethane	2.14	94	60272	15.975	ug/l	99
6) Chloroethane	2.26	64	70219	19.252	ug/l #	85
7) Trichlorofluoromethane	2.52	101	310507	19.044	ug/l	93
8) Diethyl Ether	2.87	74	48103	23.220	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.15	101	174154	19.717	ug/l	93
10) Methyl Iodide	3.30	142	223742	19.200	ug/l	97
11) Tert butyl alcohol	4.08	59	43183	104.474	ug/l #	87
12) 1,1-Dichloroethene	3.12	96	123543	18.645	ug/l	93
13) Acrolein	3.03	56	28503	67.548	ug/l #	80
14) Allyl chloride	3.61	41	202858	20.719	ug/l	98
15) Acrylonitrile	4.20	53	109835	113.089	ug/l	99
16) Acetone	3.23	43	184554	95.968	ug/l	96
17) Carbon Disulfide	3.37	76	395263	18.665	ug/l	96
18) Methyl Acetate	3.65	43	91467	33.386	ug/l	100
19) Methyl tert-butyl Ether	4.24	73	314259	21.908	ug/l	96
20) Methylene Chloride	3.81	84	159931	23.107	ug/l	98
21) trans-1,2-Dichloroethene	4.21	96	138572	19.641	ug/l	93
22) Diisopropyl ether	5.13	45	449895	22.595	ug/l	97
23) Vinyl Acetate	5.06	43	1276267	102.434	ug/l	97
24) 1,1-Dichloroethane	4.98	63	262908	20.280	ug/l	100
25) 2-Butanone	6.08	43	204312	120.369	ug/l	99
26) 2,2-Dichloropropane	6.02	77	245803	17.888	ug/l	97
27) cis-1,2-Dichloroethene	6.04	96	165981	22.246	ug/l	97
28) Bromochloromethane	6.44	49	111445	24.408	ug/l	95
29) Tetrahydrofuran	6.47	42	95288	118.651	ug/l	95
30) Chloroform	6.66	83	315894	20.036	ug/l	98
31) Cyclohexane	6.95	56	153701	18.035	ug/l	93
32) 1,1,1-Trichloroethane	6.87	97	317467	19.333	ug/l	99
36) 1,1-Dichloropropene	7.14	75	214064	18.734	ug/l	97
37) Ethyl Acetate	6.18	43	106394	21.539	ug/l #	91
38) Carbon Tetrachloride	7.11	117	318070	18.509	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062895.D
 Acq On : 26 Jun 2019 1:14
 Operator : VA/AP
 Sample : VD0625SBS02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBS02

Quant Time: Jun 26 01:44:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	175541	17.453	ug/l	88
40) Benzene	7.46	78	444102	19.362	ug/l	96
41) Methacrylonitrile	6.46	41	127354	21.135	ug/l #	90
42) 1,2-Dichloroethane	7.58	62	258809	20.684	ug/l	100
43) Isopropyl Acetate	9.24	43	135442	22.610	ug/l #	98
44) Trichloroethene	8.54	130	170813	18.996	ug/l	95
45) 1,2-Dichloropropane	8.95	63	113176	19.844	ug/l	98
46) Dibromomethane	9.06	93	102307	20.882	ug/l	95
47) Bromodichloromethane	9.38	83	263199	20.686	ug/l	93
48) Methyl methacrylate	9.12	41	91150	21.412	ug/l	99
49) 1,4-Dioxane	9.08	88	16764	473.332	ug/l #	78
51) 4-Methyl-2-Pentanone	10.30	43	484904	114.170	ug/l	98
52) Toluene	10.51	92	302088	19.593	ug/l	99
53) t-1,3-Dichloropropene	10.91	75	208122	19.984	ug/l	90
54) cis-1,3-Dichloropropene	10.04	75	219255	19.370	ug/l	92
55) 1,1,2-Trichloroethane	11.19	97	112159	21.174	ug/l	91
56) Ethyl methacrylate	11.04	69	120442	21.276	ug/l	99
57) 1,3-Dichloropropane	11.41	76	171014	21.085	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.86	63	319821	110.048	ug/l	100
59) 2-Hexanone	11.53	43	353159	116.753	ug/l	99
60) Dibromochloromethane	11.69	129	201895	20.463	ug/l	96
61) 1,2-Dibromoethane	11.81	107	136181	21.768	ug/l	98
64) Tetrachloroethene	11.26	164	183647	21.753	ug/l	98
65) Chlorobenzene	12.40	112	379177	19.918	ug/l	94
66) 1,1,1,2-Tetrachloroethane	12.52	131	176210	19.793	ug/l	96
67) Ethyl Benzene	12.52	91	654841	19.159	ug/l	94
68) m/p-Xylenes	12.67	106	453653	38.109	ug/l	98
69) o-Xylene	13.05	106	220743	20.285	ug/l	94
70) Styrene	13.07	104	390100	20.409	ug/l	95
71) Bromoform	13.24	173	123154	20.190	ug/l	93
73) Isopropylbenzene	13.41	105	600589	16.603	ug/l	100
74) N-amyl acetate	13.27	43	185077	21.068	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	123656	20.980	ug/l	97
76) 1,2,3-Trichloropropane	13.74	75	141313	21.697	ug/l	94
77) Bromobenzene	13.67	156	177570	18.250	ug/l	93
78) n-propylbenzene	13.77	91	789502	18.751	ug/l	94
79) 2-Chlorotoluene	13.84	91	428443	17.806	ug/l	98
80) 1,3,5-Trimethylbenzene	13.94	105	569666	18.748	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.47	75	31914	18.696	ug/l	90
82) 4-Chlorotoluene	13.95	91	549241	18.961	ug/l	100
83) tert-Butylbenzene	14.19	119	622472	18.379	ug/l	97
84) 1,2,4-Trimethylbenzene	14.24	105	560550	17.999	ug/l	100
85) sec-Butylbenzene	14.37	105	680174	18.478	ug/l	97
86) p-Isopropyltoluene	14.49	119	640980	19.034	ug/l	96
87) 1,3-Dichlorobenzene	14.46	146	349089	20.015	ug/l	96
88) 1,4-Dichlorobenzene	14.54	146	334211	19.078	ug/l	97
89) n-Butylbenzene	14.80	91	546761	17.347	ug/l	97
90) Hexachloroethane	15.01	117	169466	18.716	ug/l	95
91) 1,2-Dichlorobenzene	14.81	146	284053	19.035	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.38	75	26258	22.825	ug/l	63

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062519\
Data File : VD062895.D
Acq On : 26 Jun 2019 1:14
Operator : VA/AP
Sample : VD0625SBSD02
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0625SBSD02

Quant Time: Jun 26 01:44:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	232311	19.929	µg/l	97
94) Hexachlorobutadiene	16.03	225	152994	17.180	µg/l	91
95) Naphthalene	16.12	128	357646	21.890	µg/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	185730	20.737	µg/l	96

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

