

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101819\
 Data File : VD064005.D
 Acq On : 18 Oct 2019 12:32
 Operator : VA/SY
 Sample : VD1018SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1018SBS01

Quant Time: Oct 19 02:02:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	174444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	272168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	264922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	144770	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	83399	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
35) Dibromofluoromethane	7.92	113	84353	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
50) Toluene-d8	10.34	98	356500	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
62) 4-Bromofluorobenzene	12.64	95	116160	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	23413	18.926	ug/l	93
3) Chloromethane	2.21	50	76426	20.265	ug/l	99
4) Vinyl Chloride	2.35	62	90903	22.735	ug/l	98
5) Bromomethane	2.76	94	53522	20.821	ug/l	94
6) Chloroethane	2.92	64	58592	22.158	ug/l	98
7) Trichlorofluoromethane	3.27	101	127497	24.118	ug/l	96
8) Diethyl Ether	3.71	74	16820	19.823	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.10	101	32800	22.415	ug/l #	41
10) Methyl Iodide	4.30	142	35238	17.476	ug/l	99
11) Tert butyl alcohol	5.25	59	12321	99.601	ug/l #	88
12) 1,1-Dichloroethene	4.06	96	30025	20.537	ug/l	97
13) Acrolein	3.93	56	9309	61.370	ug/l	84
14) Allyl chloride	4.71	41	47502	19.543	ug/l	100
15) Acrylonitrile	5.43	53	38980	104.198	ug/l #	88
16) Acetone	4.16	43	40571	91.754	ug/l #	87
17) Carbon Disulfide	4.39	76	95473	17.965	ug/l	98
18) Methyl Acetate	4.73	43	20498	23.702	ug/l	94
19) Methyl tert-butyl Ether	5.49	73	71684	18.935	ug/l	94
20) Methylene Chloride	4.96	84	42571	19.885	ug/l	86
21) trans-1,2-Dichloroethene	5.46	96	37464	20.585	ug/l	95
22) Diisopropyl ether	6.37	45	99968	20.138	ug/l	91
23) Vinyl Acetate	6.31	43	289704	98.101	ug/l	99
24) 1,1-Dichloroethane	6.27	63	63282	20.696	ug/l #	92
25) 2-Butanone	7.23	43	52047	99.322	ug/l #	86
26) 2,2-Dichloropropane	7.21	77	53623	19.387	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	41815	20.299	ug/l	97
28) Bromochloromethane	7.55	49	20876	19.152	ug/l	92
29) Tetrahydrofuran	7.57	42	32060	104.819	ug/l	99
30) Chloroform	7.71	83	66316	19.968	ug/l	95
31) Cyclohexane	7.98	56	61458	22.082	ug/l	96
32) 1,1,1-Trichloroethane	7.91	97	59934	21.038	ug/l	98
36) 1,1-Dichloropropene	8.11	75	54841	22.038	ug/l	97
37) Ethyl Acetate	7.30	43	21992	19.616	ug/l #	91
38) Carbon Tetrachloride	8.10	117	52518	20.884	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	65611	21.443	ug/l	92
40) Benzene	8.36	78	151093	21.187	ug/l	97
41) Methacrylonitrile	7.53	41	14543	25.207	ug/l #	76
42) 1,2-Dichloroethane	8.43	62	42500	20.603	ug/l	99
43) Isopropyl Acetate	8.46	43	42083	20.165	ug/l	99
44) Trichloroethene	9.11	130	43858	21.328	ug/l	99
45) 1,2-Dichloropropane	9.40	63	36404	20.856	ug/l	95
46) Dibromomethane	9.48	93	19827	19.945	ug/l	95
47) Bromodichloromethane	9.67	83	51016	19.933	ug/l	99
48) Methyl methacrylate	9.46	41	18696	18.697	ug/l	97
49) 1,4-Dioxane	9.47	88	6357	468.490	ug/l	91
51) 4-Methyl-2-Pentanone	10.24	43	112712	104.138	ug/l	96
52) Toluene	10.41	92	106106	21.674	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	48568	19.447	ug/l #	86
54) cis-1,3-Dichloropropene	10.10	75	59276	20.619	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	30393	21.654	ug/l	94
56) Ethyl methacrylate	10.67	69	33072	18.606	ug/l	96
57) 1,3-Dichloropropane	10.95	76	49862	20.763	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.95	63	73496	96.197	ug/l	99
59) 2-Hexanone	10.99	43	77560	99.064	ug/l	99
60) Dibromochloromethane	11.15	129	36803	20.140	ug/l	95
61) 1,2-Dibromoethane	11.25	107	28609	21.025	ug/l	98
64) Tetrachloroethene	10.88	164	38787	21.446	ug/l	96
65) Chlorobenzene	11.67	112	116068	21.816	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	40093	20.451	ug/l	98
67) Ethyl Benzene	11.75	91	204555	21.322	ug/l	100
68) m/p-Xylenes	11.86	106	160470	43.336	ug/l	98
69) o-Xylene	12.18	106	74618	21.045	ug/l	97
70) Styrene	12.20	104	128819	21.461	ug/l	100
71) Bromoform	12.37	173	22158	21.061	ug/l #	96
73) Isopropylbenzene	12.48	105	202255	20.782	ug/l	99
74) N-amyl acetate	12.29	43	38850	18.541	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.74	83	36221	21.388	ug/l	93
76) 1,2,3-Trichloropropane	12.79	75	18819m	19.408	ug/l	
77) Bromobenzene	12.77	156	49423	20.383	ug/l	99
78) n-propylbenzene	12.83	91	245213	21.466	ug/l	99
79) 2-Chlorotoluene	12.91	91	133233	21.152	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	173329	21.348	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	9577	17.478	ug/l	86
82) 4-Chlorotoluene	13.01	91	138001	20.653	ug/l	99
83) tert-Butylbenzene	13.23	119	148634	20.569	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	179508	21.445	ug/l	93
85) sec-Butylbenzene	13.40	105	215419	22.075	ug/l	99
86) p-Isopropyltoluene	13.52	119	196075	21.234	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	97827	20.419	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	98049	20.745	ug/l	98
89) n-Butylbenzene	13.85	91	191169	22.241	ug/l	98
90) Hexachloroethane	14.11	117	35892	21.611	ug/l	94
91) 1,2-Dichlorobenzene	13.89	146	84709	20.517	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5507	19.426	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	59225	18.590	ug/l	96
94) Hexachlorobutadiene	15.27	225	37611	21.394	ug/l	99
95) Naphthalene	15.41	128	104883	19.588	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	53083	19.312	ug/l	97

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

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