

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101019\
 Data File : VD063903.D
 Acq On : 10 Oct 2019 11:56
 Operator : VA/SY
 Sample : VD1010SBS01
 Misc : 5.00G/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1010SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/11/2019 10:23:59 AM

Quant Time: Oct 11 07:50:33 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	193921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	310528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	299692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	158227	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	92157	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
35) Dibromofluoromethane	7.92	113	92210	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
50) Toluene-d8	10.34	98	394290	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.63	95	127789	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	27232	19.802	ug/l	88
3) Chloromethane	2.21	50	87240	20.938	ug/l	97
4) Vinyl Chloride	2.35	62	102674	23.100	ug/l	97
5) Bromomethane	2.76	94	61431	21.498	ug/l	92
6) Chloroethane	2.92	64	61725	20.998	ug/l #	88
7) Trichlorofluoromethane	3.27	101	133845	22.776	ug/l	93
8) Diethyl Ether	3.70	74	19040	20.185	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	37256	22.903	ug/l	98
10) Methyl Iodide	4.29	142	41364	18.454	ug/l	98
11) Tert butyl alcohol	5.25	59	11329	80.952	ug/l #	93
12) 1,1-Dichloroethene	4.06	96	34911	21.481	ug/l	90
13) Acrolein	3.93	56	12562	74.498	ug/l	89
14) Allyl chloride	4.71	41	53422	19.771	ug/l	97
15) Acrylonitrile	5.43	53	43173	103.815	ug/l	99
16) Acetone	4.16	43	41548	84.526	ug/l	88
17) Carbon Disulfide	4.40	76	117491	19.887	ug/l	96
18) Methyl Acetate	4.72	43	20987	21.830	ug/l #	72
19) Methyl tert-butyl Ether	5.48	73	77833	18.494	ug/l	92
20) Methylene Chloride	4.96	84	48172	20.299	ug/l	98
21) trans-1,2-Dichloroethene	5.46	96	40664	20.099	ug/l	91
22) Diisopropyl ether	6.37	45	104367	18.913	ug/l #	90
23) Vinyl Acetate	6.31	43	321570	97.955	ug/l	98
24) 1,1-Dichloroethane	6.27	63	68229	20.073	ug/l #	94
25) 2-Butanone	7.22	43	56082	96.273	ug/l	96
26) 2,2-Dichloropropane	7.20	77	62732	20.402	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	43200	18.865	ug/l	92
28) Bromochloromethane	7.54	49	20386	17.051	ug/l	96
29) Tetrahydrofuran	7.57	42	31855	93.688	ug/l	99
30) Chloroform	7.71	83	71870	19.467	ug/l	91
31) Cyclohexane	7.98	56	67274	21.677	ug/l	87
32) 1,1,1-Trichloroethane	7.90	97	66299	20.935	ug/l	97
36) 1,1-Dichloropropene	8.11	75	60367	21.262	ug/l	97
37) Ethyl Acetate	7.30	43	20626	15.353	ug/l	96
38) Carbon Tetrachloride	8.09	117	59759	20.828	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	73933	21.178	ug/l	94
40) Benzene	8.36	78	166329	20.443	ug/l	92
41) Methacrylonitrile	7.53	41	15188	23.073	ug/l #	81
42) 1,2-Dichloroethane	8.43	62	46364	19.699	ug/l	99
43) Isopropyl Acetate	8.46	43	44718	18.781	ug/l	97
44) Trichloroethene	9.11	130	48074	20.490	ug/l	95
45) 1,2-Dichloropropane	9.39	63	39044	19.605	ug/l	89
46) Dibromomethane	9.48	93	21129	18.629	ug/l	90
47) Bromodichloromethane	9.67	83	54983	18.829	ug/l	97
48) Methyl methacrylate	9.46	41	19870	17.417	ug/l	92
49) 1,4-Dioxane	9.47	88	5658	365.466	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	117351	95.030	ug/l	94
52) Toluene	10.40	92	118422	21.202	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	53199	18.670	ug/l	90
54) cis-1,3-Dichloropropene	10.09	75	66514	20.278	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	32760	20.457	ug/l #	86
56) Ethyl methacrylate	10.67	69	36805	18.149	ug/l	92
57) 1,3-Dichloropropane	10.95	76	56079	20.467	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	76670	87.955	ug/l	99
59) 2-Hexanone	10.99	43	83324	93.279	ug/l	100
60) Dibromochloromethane	11.14	129	38980	18.696	ug/l	99
61) 1,2-Dibromoethane	11.25	107	31261	20.136	ug/l	100
64) Tetrachloroethene	10.88	164	43834	21.425	ug/l	95
65) Chlorobenzene	11.67	112	126453	21.010	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	45320	20.435	ug/l	96
67) Ethyl Benzene	11.74	91	227877	20.997	ug/l	99
68) m/p-Xylenes	11.86	106	182272	43.513	ug/l	97
69) o-Xylene	12.18	106	79892	19.918	ug/l	97
70) Styrene	12.20	104	139824	20.592	ug/l	98
71) Bromoform	12.36	173	22151	18.611	ug/l #	92
73) Isopropylbenzene	12.48	105	223793	21.039	ug/l	99
74) N-amyl acetate	12.29	43	41986	18.334	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	35966	19.431	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	24465m	23.085	ug/l	
77) Bromobenzene	12.76	156	53970	20.365	ug/l	99
78) n-propylbenzene	12.82	91	276300	22.130	ug/l	100
79) 2-Chlorotoluene	12.91	91	145737	21.169	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	189605	21.366	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	11904	19.877	ug/l	98
82) 4-Chlorotoluene	13.01	91	151140	20.695	ug/l	99
83) tert-Butylbenzene	13.23	119	161515	20.451	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	188435	20.597	ug/l	99
85) sec-Butylbenzene	13.40	105	231672	21.721	ug/l	100
86) p-Isopropyltoluene	13.52	119	215858	21.388	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	104887	20.031	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	108658	21.034	ug/l	97
89) n-Butylbenzene	13.84	91	207511	22.089	ug/l	98
90) Hexachloroethane	14.11	117	38355	21.130	ug/l	94
91) 1,2-Dichlorobenzene	13.89	146	92755	20.555	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5645	18.059	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	66443	19.082	ug/l	99
94) Hexachlorobutadiene	15.27	225	40612	21.136	ug/l	95
95) Naphthalene	15.40	128	113085	19.323	ug/l	97
96) 1,2,3-Trichlorobenzene	15.60	180	56657	18.860	ug/l	97

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

