

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD102919\
 Data File : VD064092.D
 Acq On : 29 Oct 2019 16:49
 Operator : VA/SY
 Sample : VD1029SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1029SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 10:58:40 AM

Quant Time: Oct 30 08:22:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 08:00:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	235458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	356220	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	345185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	177032	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	104936	56.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.08%	
35) Dibromofluoromethane	7.93	113	115129	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
50) Toluene-d8	10.34	98	459981	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
62) 4-Bromofluorobenzene	12.64	95	150462	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	50295	20.919	ug/l	99
3) Chloromethane	2.21	50	85327	21.271	ug/l	96
4) Vinyl Chloride	2.35	62	93722	21.544	ug/l	93
5) Bromomethane	2.76	94	61014	21.521	ug/l	97
6) Chloroethane	2.92	64	58568	21.676	ug/l	91
7) Trichlorofluoromethane	3.27	101	125493	20.955	ug/l	93
8) Diethyl Ether	3.71	74	20983	20.158	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.08	101	44437	20.591	ug/l	95
10) Methyl Iodide	4.29	142	52877	19.776	ug/l	99
11) Tert butyl alcohol	5.25	59	8187	80.289	ug/l #	91
12) 1,1-Dichloroethene	4.06	96	42849	20.979	ug/l	95
13) Acrolein	3.93	56	12121	101.515	ug/l	93
14) Allyl chloride	4.71	41	51219	21.425	ug/l	98
15) Acrylonitrile	5.43	53	41544	108.045	ug/l	96
16) Acetone	4.16	43	34730	97.474	ug/l	100
17) Carbon Disulfide	4.40	76	133277	21.234	ug/l	95
18) Methyl Acetate	4.73	43	20302	21.421	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	87234	21.048	ug/l	96
20) Methylene Chloride	4.96	84	54280	21.525	ug/l #	90
21) trans-1,2-Dichloroethene	5.47	96	46788	20.406	ug/l	94
22) Diisopropyl ether	6.37	45	108067	20.412	ug/l	98
23) Vinyl Acetate	6.31	43	312300	107.612	ug/l	99
24) 1,1-Dichloroethane	6.26	63	73625	20.593	ug/l	96
25) 2-Butanone	7.23	43	51242	104.029	ug/l #	86
26) 2,2-Dichloropropane	7.21	77	68365	20.147	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	51109	19.921	ug/l	99
28) Bromochloromethane	7.55	49	20879	16.558	ug/l	97
29) Tetrahydrofuran	7.57	42	30842	107.286	ug/l	97
30) Chloroform	7.72	83	86537	21.153	ug/l	88
31) Cyclohexane	7.98	56	69919	20.074	ug/l	92
32) 1,1,1-Trichloroethane	7.91	97	79341	20.834	ug/l	97
36) 1,1-Dichloropropene	8.11	75	68329	20.471	ug/l	97
37) Ethyl Acetate	7.30	43	24152	23.508	ug/l #	87
38) Carbon Tetrachloride	8.10	117	75681	20.781	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	82561	20.149	ug/l	98
40) Benzene	8.36	78	184683	20.290	ug/l	100
41) Methacrylonitrile	7.53	41	13175	22.221	ug/l #	84
42) 1,2-Dichloroethane	8.43	62	48858	20.320	ug/l	97
43) Isopropyl Acetate	8.46	43	41678	20.073	ug/l #	61
44) Trichloroethene	9.11	130	57401	20.806	ug/l	96
45) 1,2-Dichloropropane	9.39	63	41878	19.852	ug/l	93
46) Dibromomethane	9.48	93	26027	20.486	ug/l	96
47) Bromodichloromethane	9.67	83	63722	19.882	ug/l	96
48) Methyl methacrylate	9.47	41	20104	20.938	ug/l #	92
49) 1,4-Dioxane	9.47	88	7125	489.943	ug/l #	93
51) 4-Methyl-2-Pentanone	10.23	43	117808	104.222	ug/l	99
52) Toluene	10.41	92	129921	20.367	ug/l	93
53) t-1,3-Dichloropropene	10.63	75	57475	19.211	ug/l	89
54) cis-1,3-Dichloropropene	10.09	75	70988	20.168	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	35842	19.898	ug/l #	90
56) Ethyl methacrylate	10.67	69	39928	20.155	ug/l	95
57) 1,3-Dichloropropane	10.95	76	58141	19.517	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.95	63	79134	100.279	ug/l	97
59) 2-Hexanone	10.99	43	83790	100.167	ug/l	99
60) Dibromochloromethane	11.14	129	47654	19.492	ug/l	99
61) 1,2-Dibromoethane	11.25	107	37687	20.919	ug/l	97
64) Tetrachloroethene	10.88	164	49188	19.835	ug/l	92
65) Chlorobenzene	11.68	112	148155	20.772	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.74	131	52233	19.572	ug/l	99
67) Ethyl Benzene	11.74	91	248240	19.568	ug/l	100
68) m/p-Xylenes	11.86	106	203937	39.967	ug/l	100
69) o-Xylene	12.18	106	91001	19.541	ug/l	96
70) Styrene	12.20	104	157816	19.650	ug/l	98
71) Bromoform	12.37	173	27308	19.159	ug/l #	96
73) Isopropylbenzene	12.48	105	259282	21.077	ug/l	99
74) N-amyl acetate	12.30	43	43896	21.478	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	39677	20.462	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	23895m	20.087	ug/l	
77) Bromobenzene	12.76	156	60835	20.482	ug/l	98
78) n-propylbenzene	12.83	91	301919	20.942	ug/l	99
79) 2-Chlorotoluene	12.91	91	160529	20.772	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	213933	20.779	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	12818	22.006	ug/l	94
82) 4-Chlorotoluene	13.01	91	168552	20.412	ug/l	99
83) tert-Butylbenzene	13.23	119	185958	20.109	ug/l	95
84) 1,2,4-Trimethylbenzene	13.27	105	213096	20.603	ug/l	100
85) sec-Butylbenzene	13.40	105	261950	20.627	ug/l	100
86) p-Isopropyltoluene	13.52	119	250307	20.978	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	123316	20.717	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	126846	21.618	ug/l	97
89) n-Butylbenzene	13.85	91	227921	20.710	ug/l	98
90) Hexachloroethane	14.11	117	46302	20.727	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	106622	20.814	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6478	22.875	ug/l	89

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QLast Update : Wed Oct 30 08:00:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	79480	21.585	ug/l	99
94) Hexachlorobutadiene	15.27	225	44499	20.677	ug/l	99
95) Naphthalene	15.41	128	136503	22.731	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	71228	22.332	ug/l	94

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

