Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112619\
Data File : VD064378.D
Acq On : 26 Nov 2019 12:24
Operator : VA/SY
Sample : VD1126SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1126SBSD01

Manual Integrations APPROVED
apatel
11/27/2019 5:14:04 PM

Quant Time: Nov 26 13:22:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	480298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	689532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	600749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	291904	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	195589	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.02%			
35) Dibromofluoromethane	7.92	113	202545	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.34%			
50) Toluene-d8	10.34	98	749929	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.46%			
62) 4-Bromofluorobenzene	12.64	95	244691	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.64%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	75767	19.020	ug/l	99
3) Chloromethane	2.21	50	94613	22.143	ug/l	100
4) Vinyl Chloride	2.35	62	115840	25.353	ug/l	97
5) Bromomethane	2.76	94	80994	28.072	ug/l	99
6) Chloroethane	2.92	64	80797	27.674	ug/l	98
7) Trichlorofluoromethane	3.27	101	202830	27.380	ug/l	91
8) Diethyl Ether	3.70	74	41246	20.249	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	92239	21.785	ug/l	98
10) Methyl Iodide	4.29	142	89544	19.805	ug/l	98
11) Tert butyl alcohol	5.26	59	26410	95.722	ug/l	97
12) 1,1-Dichloroethene	4.06	96	84962	21.052	ug/l	99
13) Acrolein	3.93	56	14688	62.929	ug/l	96
14) Allyl chloride	4.71	41	136875	19.182	ug/l	95
15) Acrylonitrile	5.43	53	91142	104.959	ug/l	97
16) Acetone	4.17	43	82602	88.269	ug/l	93
17) Carbon Disulfide	4.40	76	236605	18.825	ug/l	99
18) Methyl Acetate	4.71	43	52020	19.903	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	190226	19.744	ug/l	98
20) Methylene Chloride	4.96	84	94311	19.951	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	95844	20.961	ug/l	94
22) Diisopropyl ether	6.37	45	261572	19.756	ug/l	97
23) Vinyl Acetate	6.31	43	732079	99.195	ug/l	99
24) 1,1-Dichloroethane	6.27	63	160192	20.838	ug/l	99
25) 2-Butanone	7.23	43	118213	97.778	ug/l	96
26) 2,2-Dichloropropane	7.21	77	152969	20.291	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	105190	21.452	ug/l	96
28) Bromochloromethane	7.55	49	43869	16.391	ug/l	98
29) Tetrahydrofuran	7.57	42	74814	102.994	ug/l	99
30) Chloroform	7.71	83	173269	22.035	ug/l	98
31) Cyclohexane	7.98	56	152733	19.700	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	157841	20.963	ug/l	99
36) 1,1-Dichloropropene	8.11	75	132982	20.897	ug/l	99
37) Ethyl Acetate	7.30	43	55131	20.550	ug/l	97
38) Carbon Tetrachloride	8.10	117	142278	20.894	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	9.36	83	162029	20.122 ug/l		95
40) Benzene	8.35	78	364172	20.939 ug/l		99
41) Methacrylonitrile	7.53	41	29582	17.543 ug/l	#	88
42) 1,2-Dichloroethane	8.43	62	107403	20.561 ug/l		99
43) Isopropyl Acetate	8.46	43	104895	18.976 ug/l		96
44) Trichloroethene	9.11	130	110567	21.181 ug/l		99
45) 1,2-Dichloropropane	9.39	63	90090	21.281 ug/l		98
46) Dibromomethane	9.47	93	48704	21.490 ug/l		97
47) Bromodichloromethane	9.66	83	126984	20.802 ug/l		99
48) Methyl methacrylate	9.46	41	52379	19.379 ug/l		98
49) 1,4-Dioxane	9.47	88	12059	443.049 ug/l		96
51) 4-Methyl-2-Pentanone	10.23	43	261713	98.731 ug/l		99
52) Toluene	10.41	92	238304	20.837 ug/l		98
53) t-1,3-Dichloropropene	10.63	75	119598	19.556 ug/l		95
54) cis-1,3-Dichloropropene	10.09	75	143630	20.126 ug/l		99
55) 1,1,2-Trichloroethane	10.80	97	66872	21.751 ug/l		97
56) Ethyl methacrylate	10.67	69	82888	19.273 ug/l		96
57) 1,3-Dichloropropane	10.95	76	113070	21.088 ug/l		99
58) 2-Chloroethyl Vinyl ether	9.94	63	170189	97.692 ug/l		98
59) 2-Hexanone	10.99	43	183194	97.140 ug/l		100
60) Dibromochloromethane	11.14	129	88681	20.672 ug/l		99
61) 1,2-Dibromoethane	11.25	107	65419	21.245 ug/l		99
64) Tetrachloroethene	10.88	164	96526	20.892 ug/l		96
65) Chlorobenzene	11.67	112	259857	21.271 ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.74	131	95222	20.499 ug/l		97
67) Ethyl Benzene	11.75	91	462267	20.920 ug/l		98
68) m/p-Xylenes	11.86	106	347502	41.028 ug/l		98
69) o-Xylene	12.18	106	161886	20.609 ug/l		96
70) Styrene	12.20	104	279648	20.394 ug/l		99
71) Bromoform	12.37	173	53506	20.240 ug/l	#	97
73) Isopropylbenzene	12.48	105	442350	20.646 ug/l		99
74) N-amyl acetate	12.29	43	94610	18.699 ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.74	83	70790	21.927 ug/l		98
76) 1,2,3-Trichloropropane	12.79	75	34496m	14.672 ug/l		
77) Bromobenzene	12.77	156	111108	21.345 ug/l		96
78) n-propylbenzene	12.83	91	516079	21.082 ug/l		100
79) 2-Chlorotoluene	12.91	91	280993	20.332 ug/l		99
80) 1,3,5-Trimethylbenzene	12.97	105	363454	20.644 ug/l		98
81) trans-1,4-Dichloro-2-buten	12.53	75	21923	18.521 ug/l		98
82) 4-Chlorotoluene	13.01	91	295656	20.510 ug/l		100
83) tert-Butylbenzene	13.23	119	319318	20.569 ug/l		98
84) 1,2,4-Trimethylbenzene	13.27	105	357771	20.584 ug/l		99
85) sec-Butylbenzene	13.41	105	439281	21.068 ug/l		99
86) p-Isopropyltoluene	13.53	119	405947	20.479 ug/l		99
87) 1,3-Dichlorobenzene	13.53	146	198211	20.514 ug/l		99
88) 1,4-Dichlorobenzene	13.60	146	197650	20.959 ug/l		98
89) n-Butylbenzene	13.85	91	370692	20.699 ug/l		99
90) Hexachloroethane	14.12	117	76408	20.857 ug/l		98
91) 1,2-Dichlorobenzene	13.90	146	173195	21.177 ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10848	18.793 ug/l		94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	129043	20.454 ug/l	99
94) Hexachlorobutadiene	15.28	225	83721	20.546 ug/l	99
95) Naphthalene	15.41	128	213837	20.677 ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	111790	20.846 ug/l	95

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

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