Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD120419\
Data File : VD064411.D
Acq On : 04 Dec 2019 12:30
Operator : VA/SY
Sample : VD1204SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1204SBS01

Manual Integrations APPROVED
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12/5/2019 2:59:01 PM

Quant Time: Dec 05 07:15:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.98	168	538442	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.86	114	772927	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.65	117	659725	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	317438	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.33	65	232267	47.66	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.32%				
35) Dibromofluoromethane	7.91	113	241647	49.62	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.24%				
50) Toluene-d8	10.34	98	943568	51.44	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.88%				
62) 4-Bromofluorobenzene	12.64	95	291452	49.44	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.88%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.99	85	105178	21.558	ug/l		100
3) Chloromethane	2.21	50	128639	20.905	ug/l		98
4) Vinyl Chloride	2.35	62	146616	20.636	ug/l		96
5) Bromomethane	2.76	94	95922	18.256	ug/l		100
6) Chloroethane	2.92	64	95041	20.013	ug/l		93
7) Trichlorofluoromethane	3.27	101	250732	21.228	ug/l		94
8) Diethyl Ether	3.70	74	48933	19.937	ug/l		100
9) 1,1,2-Trichlorotrifluoroet	4.08	101	104237	20.583	ug/l		99
10) Methyl Iodide	4.29	142	102453	19.157	ug/l		99
11) Tert butyl alcohol	5.24	59	25228	81.319	ug/l	#	100
12) 1,1-Dichloroethene	4.06	96	99205	20.441	ug/l		96
13) Acrolein	3.92	56	36798	86.961	ug/l		100
14) Allyl chloride	4.70	41	160246	21.157	ug/l		99
15) Acrylonitrile	5.43	53	98806	92.059	ug/l		99
16) Acetone	4.16	43	91458	92.863	ug/l		91
17) Carbon Disulfide	4.40	76	322910	21.008	ug/l		98
18) Methyl Acetate	4.73	43	55850	19.441	ug/l		99
19) Methyl tert-butyl Ether	5.48	73	210756	18.931	ug/l		99
20) Methylene Chloride	4.97	84	107314	18.657	ug/l		95
21) trans-1,2-Dichloroethene	5.47	96	113411	20.659	ug/l		95
22) Diisopropyl ether	6.37	45	305083	20.404	ug/l		98
23) Vinyl Acetate	6.31	43	835165	94.745	ug/l		98
24) 1,1-Dichloroethane	6.26	63	184970	20.570	ug/l		97
25) 2-Butanone	7.22	43	122604	88.026	ug/l		94
26) 2,2-Dichloropropane	7.20	77	167594	21.431	ug/l		99
27) cis-1,2-Dichloroethene	7.21	96	117667	19.660	ug/l		96
28) Bromochloromethane	7.54	49	46562	15.152	ug/l		97
29) Tetrahydrofuran	7.57	42	82524	93.127	ug/l		96
30) Chloroform	7.71	83	188913	20.286	ug/l		100
31) Cyclohexane	7.98	56	183376	20.667	ug/l		96
32) 1,1,1-Trichloroethane	7.90	97	178969	20.729	ug/l		99
36) 1,1-Dichloropropene	8.11	75	157402	21.530	ug/l		98
37) Ethyl Acetate	7.30	43	56805	18.312	ug/l		99
38) Carbon Tetrachloride	8.09	117	165856	21.495	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.36	83	192253	21.200	ug/l		96
40) Benzene	8.35	78	423425	20.853	ug/l		99
41) Methacrylonitrile	7.53	41	40295	22.650	ug/l		96
42) 1,2-Dichloroethane	8.43	62	119591	20.196	ug/l		99
43) Isopropyl Acetate	8.46	43	116118	19.038	ug/l		99
44) Trichloroethene	9.11	130	125098	20.453	ug/l		97
45) 1,2-Dichloropropane	9.39	63	100791	20.755	ug/l		99
46) Dibromomethane	9.48	93	52598	19.191	ug/l		98
47) Bromodichloromethane	9.66	83	142478	20.231	ug/l		97
48) Methyl methacrylate	9.46	41	57252	20.513	ug/l		91
49) 1,4-Dioxane	9.47	88	12281	362.861	ug/l		95
51) 4-Methyl-2-Pentanone	10.23	43	273390	90.589	ug/l		100
52) Toluene	10.40	92	274343	20.732	ug/l		99
53) t-1,3-Dichloropropene	10.62	75	134111	19.982	ug/l		98
54) cis-1,3-Dichloropropene	10.09	75	161175	20.214	ug/l		98
55) 1,1,2-Trichloroethane	10.80	97	74184	19.767	ug/l		95
56) Ethyl methacrylate	10.67	69	92210	19.264	ug/l		99
57) 1,3-Dichloropropane	10.95	76	124022	19.413	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.94	63	187241	98.127	ug/l		98
59) 2-Hexanone	10.98	43	192181	91.772	ug/l		99
60) Dibromochloromethane	11.14	129	98056	19.270	ug/l		99
61) 1,2-Dibromoethane	11.25	107	72116	19.246	ug/l		95
64) Tetrachloroethene	10.88	164	107179	21.304	ug/l		97
65) Chlorobenzene	11.67	112	289468	21.037	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.75	131	104470	20.510	ug/l		99
67) Ethyl Benzene	11.75	91	509589	20.815	ug/l		99
68) m/p-Xylenes	11.86	106	389321	41.707	ug/l		99
69) o-Xylene	12.18	106	180382	20.923	ug/l		98
70) Styrene	12.20	104	305843	20.415	ug/l		99
71) Bromoform	12.37	173	57146	18.752	ug/l	#	100
73) Isopropylbenzene	12.48	105	492053	21.552	ug/l		99
74) N-amyl acetate	12.29	43	101089	19.509	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.74	83	72875	19.302	ug/l		98
76) 1,2,3-Trichloropropane	12.79	75	45956m	17.604	ug/l		
77) Bromobenzene	12.77	156	120700	21.409	ug/l		97
78) n-propylbenzene	12.83	91	570745	21.667	ug/l		100
79) 2-Chlorotoluene	12.91	91	308541	21.287	ug/l		99
80) 1,3,5-Trimethylbenzene	12.97	105	402304	21.563	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.53	75	24773	20.693	ug/l		94
82) 4-Chlorotoluene	13.01	91	323600	21.086	ug/l		99
83) tert-Butylbenzene	13.23	119	346318	21.351	ug/l		97
84) 1,2,4-Trimethylbenzene	13.27	105	393853	20.994	ug/l		99
85) sec-Butylbenzene	13.41	105	478485	21.494	ug/l		100
86) p-Isopropyltoluene	13.53	119	449537	21.389	ug/l		99
87) 1,3-Dichlorobenzene	13.53	146	219551	20.518	ug/l		100
88) 1,4-Dichlorobenzene	13.60	146	214191	20.274	ug/l		97
89) n-Butylbenzene	13.86	91	409858	21.474	ug/l		99
90) Hexachloroethane	14.13	117	84249	21.432	ug/l		99
91) 1,2-Dichlorobenzene	13.90	146	187412	20.493	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	12114	18.734	ug/l		95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	139999	19.990	ug/l	97
94) Hexachlorobutadiene	15.28	225	91352	21.129	ug/l	100
95) Naphthalene	15.42	128	224570	19.213	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	121361	20.300	ug/l	100

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

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