Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030121\
Data File : VD068473.D
Acq On : 01 Mar 2021 11:33
Operator : VA/SY
Sample : VD0301SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS01

Manual Integrations APPROVED
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3/2/2021 3:27:19 PM

Quant Time: Mar 01 20:45:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	366254	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	598600	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.643	117	628158	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	313925	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.338	65	170234	46.52	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 93.04%				
35) Dibromofluoromethane	7.914	113	178245	49.43	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.86%				
50) Toluene-d8	10.344	98	719378	50.09	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.18%				
62) 4-Bromofluorobenzene	12.632	95	248882	53.77	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.54%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	67039	18.86	ug/l		96
3) Chloromethane	2.215	50	79366	17.67	ug/l		98
4) Vinyl Chloride	2.350	62	95755	17.95	ug/l		99
5) Bromomethane	2.756	94	70337	18.52	ug/l		88
6) Chloroethane	2.920	64	64020	18.56	ug/l		100
7) Trichlorofluoromethane	3.273	101	128000	21.04	ug/l		96
8) Diethyl Ether	3.709	74	36808	20.32	ug/l		94
9) 1,1,2-Trichlorotrifluo...	4.097	101	80004	21.58	ug/l		95
10) Methyl Iodide	4.309	142	78184	19.33	ug/l		95
11) Tert butyl alcohol	5.226	59	21382	109.44	ug/l	#	89
12) 1,1-Dichloroethene	4.073	96	78889	21.45	ug/l		98
13) Acrolein	3.920	56	29223	104.65	ug/l		95
14) Allyl chloride	4.714	41	96753	20.37	ug/l		97
15) Acrylonitrile	5.426	53	81512	106.61	ug/l		97
16) Acetone	4.156	43	60740	104.50	ug/l		93
17) Carbon Disulfide	4.409	76	257367	21.36	ug/l		99
18) Methyl Acetate	4.726	43	30294	20.22	ug/l		94
19) Methyl tert-butyl Ether	5.473	73	169589	21.27	ug/l		98
20) Methylene Chloride	4.967	84	98055	20.07	ug/l	#	92
21) trans-1,2-Dichloroethene	5.479	96	95803	21.81	ug/l		97
22) Diisopropyl ether	6.367	45	194547	18.60	ug/l		95
23) Vinyl Acetate	6.308	43	525462	96.84	ug/l		99
24) 1,1-Dichloroethane	6.267	63	146492	20.43	ug/l		97
25) 2-Butanone	7.214	43	86705	103.77	ug/l		98
26) 2,2-Dichloropropane	7.208	77	132785	22.23	ug/l		98
27) cis-1,2-Dichloroethene	7.214	96	104414	21.66	ug/l		99
28) Bromochloromethane	7.544	49	55120	19.70	ug/l		88
29) Tetrahydrofuran	7.561	42	56070	103.34	ug/l		98
30) Chloroform	7.714	83	152544	20.15	ug/l		96
31) Cyclohexane	7.985	56	127667	19.18	ug/l		98
32) 1,1,1-Trichloroethane	7.902	97	129956	20.11	ug/l		96
36) 1,1-Dichloropropene	8.114	75	114160	20.06	ug/l		98
37) Ethyl Acetate	7.291	43	39529	20.94	ug/l		98
38) Carbon Tetrachloride	8.097	117	112719	21.08	ug/l		97
39) Methylcyclohexane	9.355	83	135499	19.31	ug/l		96
40) Benzene	8.350	78	329342	20.18	ug/l		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	20069m	18.31	ug/l		
42) 1,2-Dichloroethane	8.426	62	85816	20.00	ug/l		100
43) Isopropyl Acetate	8.455	43	67283	19.39	ug/l		98
44) Trichloroethene	9.114	130	87311	19.49	ug/l		93
45) 1,2-Dichloropropane	9.391	63	76152	19.52	ug/l		99
46) Dibromomethane	9.479	93	43481	20.48	ug/l		94
47) Bromodichloromethane	9.661	83	110167	20.06	ug/l		99
48) Methyl methacrylate	9.455	41	36777	19.89	ug/l		97
49) 1,4-Dioxane	9.461	88	9746	402.60	ug/l		97
51) 4-Methyl-2-Pentanone	10.232	43	183336	100.97	ug/l		100
52) Toluene	10.402	92	226016	21.68	ug/l		96
53) t-1,3-Dichloropropene	10.620	75	116705	23.00	ug/l		98
54) cis-1,3-Dichloropropene	10.091	75	129807	20.96	ug/l		99
55) 1,1,2-Trichloroethane	10.802	97	67880	23.11	ug/l		97
56) Ethyl methacrylate	10.661	69	73931	21.90	ug/l		97
57) 1,3-Dichloropropane	10.949	76	114836	22.40	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.944	63	174953	103.28	ug/l		91
59) 2-Hexanone	10.985	43	135651	112.09	ug/l		99
60) Dibromochloromethane	11.138	129	84661	23.28	ug/l		98
61) 1,2-Dibromoethane	11.249	107	65606	22.82	ug/l		100
64) Tetrachloroethene	10.879	164	85455	20.83	ug/l		93
65) Chlorobenzene	11.673	112	256848	20.08	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.743	131	89771	20.19	ug/l		96
67) Ethyl Benzene	11.743	91	453236	19.85	ug/l		96
68) m/p-Xylenes	11.855	106	349659	40.32	ug/l		99
69) o-Xylene	12.179	106	157636	19.74	ug/l		96
70) Styrene	12.196	104	270366	19.79	ug/l		99
71) Bromoform	12.361	173	45456	20.12	ug/l	#	97
73) Isopropylbenzene	12.479	105	435340	18.70	ug/l		100
74) N-amyl acetate	12.291	43	67935	17.13	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.732	83	74070	18.49	ug/l		99
76) 1,2,3-Trichloropropane	12.779	75	52722m	18.92	ug/l		
77) Bromobenzene	12.761	156	99075	18.65	ug/l		94
78) n-propylbenzene	12.820	91	514605	18.50	ug/l		99
79) 2-Chlorotoluene	12.908	91	286020	18.52	ug/l		99
80) 1,3,5-Trimethylbenzene	12.961	105	355274	18.62	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.526	75	21992	18.42	ug/l		96
82) 4-Chlorotoluene	13.002	91	303198	18.66	ug/l		99
83) tert-Butylbenzene	13.226	119	331073	20.38	ug/l		99
84) 1,2,4-Trimethylbenzene	13.267	105	383333	20.06	ug/l		99
85) sec-Butylbenzene	13.402	105	458609	19.98	ug/l		98
86) p-Isopropyltoluene	13.514	119	422214	20.27	ug/l		98
87) 1,3-Dichlorobenzene	13.514	146	205654	20.04	ug/l		99
88) 1,4-Dichlorobenzene	13.596	146	205847	20.25	ug/l		100
89) n-Butylbenzene	13.843	91	393326	19.57	ug/l		98
90) Hexachloroethane	14.108	117	64936	15.68	ug/l		92
91) 1,2-Dichlorobenzene	13.890	146	176408	20.04	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	11213	15.88	ug/l		91
93) 1,2,4-Trichlorobenzene	15.161	180	112585	16.56	ug/l		100
94) Hexachlorobutadiene	15.267	225	63412	16.81	ug/l		98
95) Naphthalene	15.396	128	195187	15.86	ug/l		100
96) 1,2,3-Trichlorobenzene	15.590	180	96404	16.38	ug/l		99

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

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