Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
Data File : VD068836.D
Acq On : 12 Apr 2021 17:04
Operator : VA/SY
Sample : M1967-03MSD
Misc : 2.99G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SED-1AMSD

Manual Integrations APPROVED
MMDadoda
4/13/2021 4:10:31 PM

Quant Time: Apr 13 01:11:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.985	168	186980	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	308244	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	243443	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	78203	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	92976	47.05	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 94.10%				
35) Dibromofluoromethane	7.914	113	106205	52.97	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.94%				
50) Toluene-d8	10.338	98	372042	49.19	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.38%				
62) 4-Bromofluorobenzene	12.632	95	96793	38.53	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 77.06%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	81089	43.77	ug/l		96
3) Chloromethane	2.209	50	92042	42.26	ug/l		97
4) Vinyl Chloride	2.350	62	122007	44.59	ug/l		99
5) Bromomethane	2.774	94	96635	47.24	ug/l		96
6) Chloroethane	2.926	64	84000	46.72	ug/l		99
7) Trichlorofluoromethane	3.274	101	159002	49.38	ug/l		100
8) Diethyl Ether	3.709	74	40060	46.07	ug/l		90
9) 1,1,2-Trichlorotrifluo...	4.097	101	82503	42.46	ug/l		99
10) Methyl Iodide	4.303	142	96185	42.65	ug/l		99
11) Tert butyl alcohol	5.232	59	21026	193.71	ug/l	#	92
12) 1,1-Dichloroethene	4.073	96	92155	49.24	ug/l		97
14) Allyl chloride	4.721	41	88731	42.07	ug/l		96
15) Acrylonitrile	5.426	53	77827	199.43	ug/l		99
16) Acetone	4.162	43	61465	224.61	ug/l		95
17) Carbon Disulfide	4.409	76	217275	35.87	ug/l		99
18) Methyl Acetate	4.721	43	86715	115.35	ug/l		98
19) Methyl tert-butyl Ether	5.479	73	198857	47.89	ug/l		97
20) Methylene Chloride	4.973	84	105869	47.53	ug/l		95
21) trans-1,2-Dichloroethene	5.473	96	112833	46.95	ug/l		99
22) Diisopropyl ether	6.367	45	223498	43.73	ug/l		97
23) Vinyl Acetate	6.367	43	147669	54.52	ug/l	#	67
24) 1,1-Dichloroethane	6.273	63	181624	47.13	ug/l		99
25) 2-Butanone	7.215	43	79277	204.73	ug/l		99
26) 2,2-Dichloropropane	7.215	77	158464	50.35	ug/l		99
27) cis-1,2-Dichloroethene	7.215	96	123026	51.50	ug/l		97
28) Bromochloromethane	7.550	49	67428	48.48	ug/l		92
29) Tetrahydrofuran	7.562	42	52675	202.27	ug/l		94
30) Chloroform	7.714	83	209958	49.78	ug/l		99
31) Cyclohexane	7.991	56	100926	30.69	ug/l		98
32) 1,1,1-Trichloroethane	7.903	97	174422	47.33	ug/l		98
36) 1,1-Dichloropropene	8.114	75	142886	45.80	ug/l		98
37) Ethyl Acetate	7.297	43	27380	29.88	ug/l	#	75
38) Carbon Tetrachloride	8.097	117	139050	45.01	ug/l		98
39) Methylcyclohexane	9.356	83	77349	21.26	ug/l		94
40) Benzene	8.356	78	438696	48.05	ug/l		98
41) Methacrylonitrile	7.526	41	24627	45.39	ug/l		95

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42) 1,2-Dichloroethane	8.426	62	113718	47.12	ug/l		100
43) Isopropyl Acetate	8.450	43	68761	36.81	ug/l		97
44) Trichloroethene	9.114	130	123902	49.13	ug/l		93
45) 1,2-Dichloropropane	9.391	63	101126	46.37	ug/l		95
46) Dibromomethane	9.473	93	61392	50.54	ug/l		94
47) Bromodichloromethane	9.661	83	141231	44.50	ug/l		100
48) Methyl methacrylate	9.456	41	46608	50.63	ug/l		90
49) 1,4-Dioxane	9.456	88	12231	950.97	ug/l		89
51) 4-Methyl-2-Pentanone	10.226	43	196221	208.38	ug/l		99
52) Toluene	10.403	92	269604	46.64	ug/l		100
53) t-1,3-Dichloropropene	10.620	75	124550	44.28	ug/l		97
54) cis-1,3-Dichloropropene	10.091	75	147381	43.80	ug/l		98
55) 1,1,2-Trichloroethane	10.797	97	80092	46.63	ug/l		98
56) Ethyl methacrylate	10.661	69	60410	34.16	ug/l		97
57) 1,3-Dichloropropane	10.944	76	129489	45.78	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.944	63	205058	220.02	ug/l		98
59) 2-Hexanone	10.985	43	126744	201.16	ug/l		96
60) Dibromochloromethane	11.138	129	88533	41.11	ug/l		99
61) 1,2-Dibromoethane	11.250	107	73982	44.32	ug/l		99
64) Tetrachloroethene	10.873	164	77207	45.24	ug/l		98
65) Chlorobenzene	11.667	112	263527	50.01	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.744	131	99095	52.30	ug/l		98
67) Ethyl Benzene	11.744	91	425787	46.66	ug/l		96
68) m/p-Xylenes	11.850	106	324780	92.24	ug/l		99
69) o-Xylene	12.179	106	152706	47.69	ug/l		96
70) Styrene	12.191	104	265699	47.61	ug/l		99
71) Bromoform	12.355	173	46385	45.70	ug/l	#	100
73) Isopropylbenzene	12.479	105	315387	55.23	ug/l		100
74) N-amyl acetate	12.285	43	3624	3.74	ug/l	#	96
75) 1,1,2,2-Tetrachloroethane	12.732	83	75762	70.99	ug/l		98
76) 1,2,3-Trichloropropane	12.785	75	49915m	69.87	ug/l		
77) Bromobenzene	12.755	156	91875	66.93	ug/l		97
78) n-propylbenzene	12.820	91	324492	46.79	ug/l		98
79) 2-Chlorotoluene	12.902	91	209263	54.01	ug/l		97
80) 1,3,5-Trimethylbenzene	12.955	105	232418	48.69	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.526	75	17793	57.80	ug/l		97
82) 4-Chlorotoluene	13.002	91	224592	54.69	ug/l		98
83) tert-Butylbenzene	13.220	119	168523	41.60	ug/l		99
84) 1,2,4-Trimethylbenzene	13.267	105	236746	49.10	ug/l		98
85) sec-Butylbenzene	13.397	105	194160	33.97	ug/l		99
86) p-Isopropyltoluene	13.514	119	170093	32.58	ug/l		100
87) 1,3-Dichlorobenzene	13.514	146	128480	47.24	ug/l		97
88) 1,4-Dichlorobenzene	13.591	146	131666	48.92	ug/l		99
89) n-Butylbenzene	13.838	91	119261	24.25	ug/l		98
90) Hexachloroethane	14.108	117	31683	30.47	ug/l		96
91) 1,2-Dichlorobenzene	13.885	146	112789	47.93	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.502	75	9980	61.51	ug/l		96
93) 1,2,4-Trichlorobenzene	15.155	180	36968	25.38	ug/l		93
94) Hexachlorobutadiene	15.261	225	12855	15.42	ug/l		97
95) Naphthalene	15.396	128	97323	38.37	ug/l		99
96) 1,2,3-Trichlorobenzene	15.591	180	28341	22.25	ug/l		97

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

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