Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070820\
Data File : BM026687.D
Acq On : 07 Jul 2020 21:31
Operator : JU/CG
Sample : L3216-01
Misc : LOD-MDL-S-4PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Manual Integrations APPROVED
mohammad
7/9/2020 10:56:38 AM

Quant Time: Jul 08 05:47:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 08 05:15:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	51793	20.00	ng		0.00
21) Naphthalene-d8	10.09	136	230106	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	162246	20.00	ng		0.00
64) Phenanthrene-d10	16.75	188	377594	20.00	ng		0.00
76) Chrysene-d12	20.96	240	462661	20.00	ng		-0.01
86) Perylene-d12	23.03	264	492162	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	501812	162.39	ng		0.00
7) Phenol-d6	6.54	99	740373	150.38	ng		0.00
23) Nitrobenzene-d5	8.48	82	812628	150.67	ng		0.00
42) 2,4,6-Tribromophenol	15.50	330	421667	178.41	ng		0.00
45) 2-Fluorobiphenyl	12.60	172	1828376	149.84	ng		0.00
79) Terphenyl-d14	19.42	244	3534338	150.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.96	88	6303	4.245	ng		95
3) Pyridine	3.39	79	11272	2.654	ng	#	77
4) n-Nitrosodimethylamine	3.28	42	8782	3.455	ng	#	91
6) Aniline	6.68	93	21479	3.554	ng		98
8) 2-Chlorophenol	6.90	128	14040	3.814	ng		96
9) Benzaldehyde	6.50	77	15463	5.659	ng		99
10) Phenol	6.56	94	17141	3.523	ng		84
11) bis(2-Chloroethyl)ether	6.78	93	14644	3.599	ng		97
12) 1,3-Dichlorobenzene	7.22	146	15492	3.872	ng		97
13) 1,4-Dichlorobenzene	7.36	146	15455	3.795	ng		95
14) 1,2-Dichlorobenzene	7.67	146	15025	3.703	ng		92
15) Benzyl Alcohol	7.59	79	11721	2.782	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.87	45	30880	3.677	ng		100
17) 2-Methylphenol	7.79	107	11411	3.086	ng		93
18) Hexachloroethane	8.38	117	5412	3.346	ng	#	81
19) n-Nitroso-di-n-propylamine	8.14	70	13838	3.378	ng		97
20) 3+4-Methylphenols	8.13	107	14586	2.869	ng		96
22) Acetophenone	8.16	105	24624	3.766	ng	#	93
24) Nitrobenzene	8.52	77	20869	3.678	ng		98
25) Isophorone	9.05	82	35634	3.445	ng		97
26) 2-Nitrophenol	9.23	139	5513	2.632	ng		98
27) 2,4-Dimethylphenol	9.31	122	12143	3.566	ng	#	84
28) bis(2-Chloroethoxy)methane	9.54	93	19965	3.494	ng		97
29) 2,4-Dichlorophenol	9.77	162	11036	2.943	ng		88
30) 1,2,4-Trichlorobenzene	9.96	180	15442	3.691	ng		98
31) Naphthalene	10.13	128	46360	3.622	ng		97
32) Benzoic acid	9.43	122	1713m	0.663	ng		
33) 4-Chloroaniline	10.27	127	17374	3.103	ng		98
34) Hexachlorobutadiene	10.42	225	9521	3.436	ng		93
35) Caprolactam	11.06	113	3181	2.394	ng		91
36) 4-Chloro-3-methylphenol	11.41	107	14164	2.988	ng		96
37) 2-Methylnaphthalene	11.76	142	34822	3.673	ng		98
38) 1-Methylnaphthalene	11.99	142	32753	3.606	ng		94
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	19714	3.759	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	4044	1.616	ng		86
43) 2,4,6-Trichlorophenol	12.41	196	9329m	2.715	ng		
44) 2,4,5-Trichlorophenol	12.49	196	11607	2.875	ng	#	93
46) 1,1'-Biphenyl	12.81	154	52974	4.133	ng		99
47) 2-Chloronaphthalene	12.85	162	36157	3.492	ng		99
48) 2-Nitroaniline	13.08	65	10634	2.496	ng		92
49) Acenaphthylene	13.70	152	56013	3.384	ng		99
50) Dimethylphthalate	13.47	163	48434	3.490	ng		98
51) 2,6-Dinitrotoluene	13.59	165	8984	3.023	ng		90
52) Acenaphthene	14.05	154	35356	3.515	ng		97
53) 3-Nitroaniline	13.93	138	6750	2.183	ng		95
54) 2,4-Dinitrophenol	14.16	184	1623	0.933	ng	#	80
55) Dibenzofuran	14.40	168	58428	3.543	ng		99
56) 4-Nitrophenol	14.29	139	3404	1.403	ng	#	79
57) 2,4-Dinitrotoluene	14.39	165	10964	2.556	ng	#	68
58) Fluorene	15.05	166	45722	3.348	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.64	232	11052	3.135	ng	#	98
60) Diethylphthalate	14.85	149	49798	3.394	ng		99
61) 4-Chlorophenyl-phenylether	15.06	204	24644	3.331	ng		90
62) 4-Nitroaniline	15.10	138	5425	1.681	ng		86
63) Azobenzene	15.35	77	52375	3.250	ng		96
65) 4,6-Dinitro-2-methylphenol	15.17	198	4259	1.659	ng		91
66) n-Nitrosodiphenylamine	15.28	169	39561	3.297	ng		97
67) 4-Bromophenyl-phenylether	15.95	248	15281	3.251	ng		93
68) Hexachlorobenzene	16.06	284	17902	3.619	ng		96
69) Atrazine	16.25	200	13970	3.872	ng		98
70) Pentachlorophenol	16.42	266	6427	2.297	ng		99
71) Phenanthrene	16.79	178	80154	3.596	ng		98
72) Anthracene	16.89	178	76412	3.443	ng		98
73) Carbazole	17.17	167	64709	3.059	ng		99
74) Di-n-butylphthalate	17.75	149	78394	2.947	ng		99
75) Fluoranthene	18.82	202	95598	3.482	ng		96
77) Benzidine	19.03	184	25641	2.811	ng		98
78) Pyrene	19.19	202	100770	3.458	ng		99
80) Butylbenzylphthalate	20.13	149	36639	2.801	ng		99
81) Benzo(a)anthracene	20.95	228	111249	3.580	ng		99
82) 3,3'-Dichlorobenzidine	20.90	252	33378	3.384	ng	#	98
83) Chrysene	21.00	228	107851	3.565	ng		98
84) Bis(2-ethylhexyl)phthalate	20.92	149	57951	2.766	ng		99
85) Di-n-octyl phthalate	21.76	149	102506	2.862	ng		95
87) Indeno(1,2,3-cd)pyrene	25.04	276	128909	3.679	ng		99
88) Benzo(b)fluoranthene	22.43	252	110236	3.399	ng		99
89) Benzo(k)fluoranthene	22.47	252	118227	3.717	ng		99
90) Benzo(a)pyrene	22.94	252	100776	3.348	ng		100
91) Dibenzo(a,h)anthracene	25.05	278	108989	3.685	ng		98
92) Benzo(g,h,i)perylene	25.65	276	107212	3.934	ng		99

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

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