Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070920\
Data File : BM026702.D
Acq On : 08 Jul 2020 11:54
Operator : JU/CG
Sample : L3216-01
Misc : LOD-MDL-SOIL-8PPM
ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
7/9/2020 10:59:42 AM

Quant Time: Jul 08 12:38:17 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 12:03:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	57043	20.00	ng		0.00
21) Naphthalene-d8	10.08	136	265309	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	188631	20.00	ng		0.00
64) Phenanthrene-d10	16.74	188	438190	20.00	ng		0.00
76) Chrysene-d12	20.97	240	542512	20.00	ng		0.00
86) Perylene-d12	23.03	264	572731	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	323216	94.97	ng		0.00
7) Phenol-d6	6.53	99	501143	92.42	ng		0.00
23) Nitrobenzene-d5	8.47	82	459014	73.81	ng		0.00
42) 2,4,6-Tribromophenol	15.50	330	271613	98.85	ng		0.00
45) 2-Fluorobiphenyl	12.59	172	1044904	73.65	ng		0.00
79) Terphenyl-d14	19.41	244	1582461	57.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	13150	8.042	ng		97
3) Pyridine	3.36	79	25580m	5.469	ng		
4) n-Nitrosodimethylamine	3.28	42	17737	6.336	ng		88
6) Aniline	6.68	93	46249	6.949	ng		94
8) 2-Chlorophenol	6.90	128	27370	6.751	ng		94
9) Benzaldehyde	6.49	77	30203	10.036	ng		96
10) Phenol	6.56	94	36601	6.830	ng		99
11) bis(2-Chloroethyl)ether	6.78	93	29403	6.562	ng		90
12) 1,3-Dichlorobenzene	7.22	146	29666	6.732	ng		95
13) 1,4-Dichlorobenzene	7.36	146	30912	6.892	ng		94
14) 1,2-Dichlorobenzene	7.67	146	30255	6.771	ng		98
15) Benzyl Alcohol	7.59	79	27247	5.873	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.86	45	63012	6.813	ng		99
17) 2-Methylphenol	7.79	107	24065	5.909	ng		95
18) Hexachloroethane	8.37	117	11840	6.646	ng		92
19) n-Nitroso-di-n-propylamine	8.14	70	29631	6.568	ng		96
20) 3+4-Methylphenols	8.12	107	31580	5.640	ng		96
22) Acetophenone	8.15	105	50405	6.686	ng	#	93
24) Nitrobenzene	8.52	77	44442	6.793	ng		97
25) Isophorone	9.04	82	74504	6.248	ng		98
26) 2-Nitrophenol	9.22	139	13014	5.390	ng	#	89
27) 2,4-Dimethylphenol	9.30	122	27155	6.916	ng		95
28) bis(2-Chloroethoxy)methane	9.53	93	43764	6.643	ng		97
29) 2,4-Dichlorophenol	9.76	162	25758	5.957	ng		96
30) 1,2,4-Trichlorobenzene	9.95	180	31378	6.505	ng		96
31) Naphthalene	10.13	128	99283	6.728	ng		99
32) Benzoic acid	9.41	122	6795m	2.280	ng		
33) 4-Chloroaniline	10.27	127	38816	6.013	ng		97
34) Hexachlorobutadiene	10.42	225	20024	6.268	ng		98
35) Caprolactam	11.05	113	8570	5.595	ng		91
36) 4-Chloro-3-methylphenol	11.40	107	33200	6.075	ng		99
37) 2-Methylnaphthalene	11.76	142	72692	6.650	ng		96
38) 1-Methylnaphthalene	11.98	142	70340m	6.717	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	41013	6.726	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	12405	4.263	ng		97
43) 2,4,6-Trichlorophenol	12.40	196	22363	5.598	ng		95
44) 2,4,5-Trichlorophenol	12.48	196	24918	5.309	ng		96
46) 1,1'-Biphenyl	12.80	154	102857	6.903	ng		99
47) 2-Chloronaphthalene	12.84	162	75649	6.285	ng		98
48) 2-Nitroaniline	13.07	65	26540	5.358	ng		94
49) Acenaphthylene	13.70	152	121610	6.320	ng		99
50) Dimethylphthalate	13.46	163	102561	6.357	ng		98
51) 2,6-Dinitrotoluene	13.58	165	20524	5.940	ng		86
52) Acenaphthene	14.05	154	73837	6.314	ng		94
53) 3-Nitroaniline	13.92	138	16994	4.728	ng		98
54) 2,4-Dinitrophenol	14.15	184	5410	2.675	ng		93
55) Dibenzofuran	14.39	168	124782	6.508	ng		98
56) 4-Nitrophenol	14.27	139	11592	4.110	ng		97
57) 2,4-Dinitrotoluene	14.39	165	27283	5.471	ng	#	88
58) Fluorene	15.05	166	98814	6.224	ng		95
59) 2,3,4,6-Tetrachlorophenol	14.63	232	25339	6.181	ng		99
60) Diethylphthalate	14.85	149	108720	6.373	ng		97
61) 4-Chlorophenyl-phenylether	15.05	204	53347	6.202	ng		95
62) 4-Nitroaniline	15.09	138	17582m	4.687	ng		
63) Azobenzene	15.35	77	116391	6.211	ng		94
65) 4,6-Dinitro-2-methylphenol	15.17	198	12649	4.246	ng		88
66) n-Nitrosodiphenylamine	15.27	169	87613	6.292	ng		98
67) 4-Bromophenyl-phenylether	15.95	248	31895	5.848	ng		92
68) Hexachlorobenzene	16.06	284	36818	6.414	ng		99
69) Atrazine	16.25	200	31847	7.606	ng		99
70) Pentachlorophenol	16.42	266	16514	5.085	ng		91
71) Phenanthrene	16.79	178	166775	6.447	ng		98
72) Anthracene	16.88	178	163826	6.362	ng		99
73) Carbazole	17.16	167	145028	5.907	ng		99
74) Di-n-butylphthalate	17.74	149	179272	5.807	ng		98
75) Fluoranthene	18.82	202	203934	6.401	ng		99
77) Benzidine	19.03	184	77475	7.244	ng		97
78) Pyrene	19.19	202	213957	6.261	ng		99
80) Butylbenzylphthalate	20.13	149	82241	5.363	ng		97
81) Benzo(a)anthracene	20.95	228	234118	6.424	ng		98
82) 3,3'-Dichlorobenzidine	20.90	252	75683	6.543	ng	#	97
83) Chrysene	21.00	228	225878	6.368	ng		98
84) Bis(2-ethylhexyl)phthalate	20.92	149	132311	5.385	ng		99
85) Di-n-octyl phthalate	21.76	149	225370	5.367	ng		96
87) Indeno(1,2,3-cd)pyrene	25.04	276	270573	6.636	ng		99
88) Benzo(b)fluoranthene	22.43	252	235135	6.231	ng		99
89) Benzo(k)fluoranthene	22.47	252	241856	6.534	ng		98
90) Benzo(a)pyrene	22.94	252	211524	6.038	ng		99
91) Dibenzo(a,h)anthracene	25.05	278	230932	6.709	ng		99
92) Benzo(g,h,i)perylene	25.64	276	225430	7.108	ng		100

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

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