Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061920\
Data File : BM026465.D
Acq On : 19 Jun 2020 11:48
Operator : JU/CG
Sample : L1161-01
Misc : LOD-MDL-S-5PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOD-MDL-SOIL-01-QT1-2020

Manual Integrations APPROVED
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6/22/2020 3:23:15 PM

Quant Time: Jun 20 06:22:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 10:44:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	104509	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	432050	20.00	ng		0.00
39) Acenaphthene-d10	14.04	164	300475	20.00	ng		0.00
64) Phenanthrene-d10	16.80	188	672018	20.00	ng		0.00
76) Chrysene-d12	21.01	240	637097	20.00	ng		0.00
86) Perylene-d12	23.10	264	589974	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	973235	164.65	ng		0.00
7) Phenol-d6	6.60	99	1409200	164.64	ng		0.00
23) Nitrobenzene-d5	8.54	82	1056939	120.11	ng		0.00
42) 2,4,6-Tribromophenol	15.55	330	725613	199.35	ng		0.00
45) 2-Fluorobiphenyl	12.66	172	2338665	118.15	ng		0.00
79) Terphenyl-d14	19.46	244	4018738	122.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	14499	5.441	ng		95
3) Pyridine	3.42	79	31439	4.016	ng	#	91
4) n-Nitrosodimethylamine	3.32	42	18721	4.830	ng	#	89
6) Aniline	6.74	93	53863	4.798	ng		98
8) 2-Chlorophenol	6.96	128	33493	4.912	ng		95
9) Benzaldehyde	6.55	77	31617m	5.793	ng		
10) Phenol	6.62	94	44633	4.896	ng		91
11) bis(2-Chloroethyl)ether	6.84	93	35513	4.837	ng		97
12) 1,3-Dichlorobenzene	7.27	146	36109	4.784	ng		97
13) 1,4-Dichlorobenzene	7.42	146	36139	4.700	ng		96
14) 1,2-Dichlorobenzene	7.73	146	35889	4.778	ng		99
15) Benzyl Alcohol	7.65	79	31015	4.267	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.92	45	68918	5.026	ng		99
17) 2-Methylphenol	7.85	107	27165	4.077	ng		95
18) Hexachloroethane	8.45	117	13772	4.730	ng		95
19) n-Nitroso-di-n-propylamine	8.20	70	32862	4.927	ng		95
20) 3+4-Methylphenols	8.18	107	36184	3.985	ng		96
22) Acetophenone	8.21	105	57515	5.177	ng	#	93
24) Nitrobenzene	8.57	77	51911	5.635	ng		100
25) Isophorone	9.10	82	84806	5.130	ng		98
26) 2-Nitrophenol	9.29	139	16018	4.394	ng		93
27) 2,4-Dimethylphenol	9.36	122	16619	2.888	ng		96
28) bis(2-Chloroethoxy)methane	9.59	93	48394	5.160	ng		100
29) 2,4-Dichlorophenol	9.82	162	27888	4.417	ng		98
30) 1,2,4-Trichlorobenzene	10.02	180	35577	5.138	ng		98
31) Naphthalene	10.20	128	112477	5.166	ng		99
32) Benzoic acid	9.46	122	6126m	1.433	ng		
33) 4-Chloroaniline	10.33	127	39686	4.179	ng		95
34) Hexachlorobutadiene	10.49	225	23062	5.276	ng		91
35) Caprolactam	11.10	113	10668	4.809	ng		94
36) 4-Chloro-3-methylphenol	11.47	107	37227	4.838	ng		99
37) 2-Methylnaphthalene	11.82	142	83910	5.408	ng		98
38) 1-Methylnaphthalene	12.04	142	80007	5.444	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.20	216	44559	5.210	ng		97

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 10:44:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.19	237	9703	1.925	ng		86
43) 2,4,6-Trichlorophenol	12.46	196	24662	4.260	ng		93
44) 2,4,5-Trichlorophenol	12.54	196	28373	4.222	ng		97
46) 1,1'-Biphenyl	12.87	154	117564	5.581	ng		98
47) 2-Chloronaphthalene	12.90	162	84473	4.937	ng		98
48) 2-Nitroaniline	13.13	65	27388	4.039	ng		91
49) Acenaphthylene	13.76	152	136572	4.990	ng		98
50) Dimethylphthalate	13.52	163	111954	5.094	ng		98
51) 2,6-Dinitrotoluene	13.63	165	22771	4.722	ng		94
52) Acenaphthene	14.11	154	83062	5.056	ng		97
53) 3-Nitroaniline	13.97	138	18983	3.535	ng		91
54) 2,4-Dinitrophenol	14.20	184	5553	1.895	ng	#	89
55) Dibenzofuran	14.45	168	136110	5.142	ng		99
56) 4-Nitrophenol	14.32	139	10955	2.572	ng	#	87
57) 2,4-Dinitrotoluene	14.44	165	28834	4.300	ng	#	76
58) Fluorene	15.10	166	107170	4.984	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.69	232	26253	4.567	ng		97
60) Diethylphthalate	14.90	149	112623	5.031	ng		98
61) 4-Chlorophenyl-phenylether	15.11	204	56904	4.989	ng		98
62) 4-Nitroaniline	15.14	138	18493m	3.229	ng		
63) Azobenzene	15.40	77	123789	5.054	ng		98
65) 4,6-Dinitro-2-methylphenol	15.22	198	12865	3.148	ng		81
66) n-Nitrosodiphenylamine	15.33	169	94009	4.829	ng		99
67) 4-Bromophenyl-phenylether	16.00	248	34582	4.675	ng		97
68) Hexachlorobenzene	16.12	284	39207	5.079	ng		96
69) Atrazine	16.29	200	36584	6.290	ng		98
70) Pentachlorophenol	16.47	266	14160	3.046	ng		98
71) Phenanthrene	16.84	178	179528	5.130	ng		98
72) Anthracene	16.93	178	172417	4.937	ng		100
73) Carbazole	17.22	167	147388	4.450	ng		97
74) Di-n-butylphthalate	17.80	149	180051	4.610	ng		99
75) Fluoranthene	18.87	202	206927	5.157	ng		98
77) Benzidine	19.07	184	56405	4.262	ng		99
78) Pyrene	19.23	202	215393	5.117	ng		99
80) Butylbenzylphthalate	20.17	149	78027	4.584	ng		98
81) Benzo(a)anthracene	21.00	228	205738	5.380	ng		98
82) 3,3'-Dichlorobenzidine	20.94	252	70141	5.928	ng		97
83) Chrysene	21.05	228	201961	5.542	ng		98
84) Bis(2-ethylhexyl)phthalate	20.96	149	117345	4.835	ng		100
85) Di-n-octyl phthalate	21.81	149	182067	4.862	ng		96
87) Indeno(1,2,3-cd)pyrene	25.14	276	156530	4.587	ng		99
88) Benzo(b)fluoranthene	22.49	252	170370	4.800	ng		99
89) Benzo(k)fluoranthene	22.53	252	184464	5.350	ng		98
90) Benzo(a)pyrene	23.01	252	148955	4.726	ng		98
91) Dibenzo(a,h)anthracene	25.15	278	134914	4.735	ng		99
92) Benzo(g,h,i)perylene	25.76	276	132797	4.898	ng		99

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

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