Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032619\
Data File : BN004981.D
Acq On : 26 Mar 2019 17:54
Operator : JU/SJ
Sample : K1560-01
Misc : LOD 8 PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT1-2019

Quant Time: Mar 27 08:10:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 05:27:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	8752	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	37223	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	21953	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	50198	20.00	ng		0.00
76) Chrysene-d12	21.27	240	52246	20.00	ng		0.00
87) Perylene-d12	23.52	264	49167	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	64731	127.87	ng		0.00
7) Phenol-d6	6.85	99	84725	126.19	ng		0.00
23) Nitrobenzene-d5	8.84	82	54329	88.29	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	49769	140.57	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	145779	88.00	ng		0.00
79) Terphenyl-d14	19.71	244	236049	86.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	1354	7.340	ng	#	83
3) Pyridine	3.60	79	3465	6.721	ng		97
4) n-Nitrosodimethylamine	3.53	42	895	5.325	ng	#	90
8) 2-Chlorophenol	7.24	128	5019	7.810	ng		98
10) Phenol	6.88	94	5441	7.563	ng		99
11) bis(2-Chloroethyl)ether	7.11	93	4365	7.846	ng		99
12) 1,3-Dichlorobenzene	7.56	146	5339	7.626	ng		99
13) 1,4-Dichlorobenzene	7.71	146	5548	7.828	ng		98
14) 1,2-Dichlorobenzene	8.02	146	5311	7.831	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	5238	7.803	ng		83
17) 2-Methylphenol	8.12	107	3681	7.339	ng		98
18) Hexachloroethane	8.74	117	1818	7.237	ng		96
19) n-Nitroso-di-n-propylamine	8.48	70	3436	7.806	ng	#	96
20) 3+4-Methylphenols	8.45	107	4947	7.264	ng		99
22) Acetophenone	8.50	105	6966	8.198	ng		99
24) Nitrobenzene	8.88	77	5079	8.156	ng		98
25) Isophorone	9.39	82	9855	8.221	ng		98
26) 2-Nitrophenol	9.59	139	2566	7.096	ng		96
27) 2,4-Dimethylphenol	9.65	122	3840	7.628	ng		98
28) bis(2-Chloroethoxy)methane	9.88	93	6106	8.221	ng		100
29) 2,4-Dichlorophenol	10.12	162	4447	7.686	ng		99
30) 1,2,4-Trichlorobenzene	10.32	180	5185	8.135	ng		99
31) Naphthalene	10.51	128	16338	8.413	ng		100
34) Hexachlorobutadiene	10.77	225	3310	8.026	ng		98
35) Caprolactam	11.40	113	1179	6.223	ng		96
36) 4-Chloro-3-methylphenol	11.76	107	4867	7.787	ng		98
37) 2-Methylnaphthalene	12.13	142	11539	8.414	ng		98
38) 1-Methylnaphthalene	12.35	142	11373	8.475	ng	#	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	6178	7.934	ng	#	96
41) Hexachlorocyclopentadiene	12.46	237	2041	8.862	ng		93
43) 2,4,6-Trichlorophenol	12.75	196	3488	7.219	ng		98
44) 2,4,5-Trichlorophenol	12.83	196	3768	7.159	ng		99
46) 1,1'-Biphenyl	13.15	154	15602	8.397	ng		99
47) 2-Chloronaphthalene	13.19	162	11703	8.208	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Nitroaniline	13.42	65	2733	7.201	ng		100
49) Acenaphthylene	14.05	152	19876	8.288	ng		99
50) Dimethylphthalate	13.78	163	15311	8.489	ng		99
52) Acenaphthene	14.39	154	11394	8.446	ng		99
53) 3-Nitroaniline	14.25	138	2954	7.042	ng	#	96
55) Dibenzofuran	14.72	168	18256	8.505	ng		99
57) 2,4-Dinitrotoluene	14.70	165	4348	7.796	ng	#	98
58) Fluorene	15.37	166	14916	8.602	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	3624	7.426	ng	#	94
60) Diethylphthalate	15.15	149	15199	8.445	ng		99
61) 4-Chlorophenyl-phenylether	15.37	204	7684	8.590	ng		97
62) 4-Nitroaniline	15.41	138	2981	7.073	ng		97
63) Azobenzene	15.66	77	12606	8.414	ng		97
66) n-Nitrosodiphenylamine	15.59	169	12836	8.118	ng		99
67) 4-Bromophenyl-phenylether	16.26	248	4973	7.939	ng		97
68) Hexachlorobenzene	16.37	284	5899	8.038	ng		98
69) Atrazine	16.54	200	4592	8.129	ng		99
71) Phenanthrene	17.12	178	23535	8.344	ng		100
72) Anthracene	17.20	178	23098	8.227	ng		99
73) Carbazole	17.49	167	21182	8.289	ng		99
74) Di-n-butylphthalate	18.03	149	25220	8.102	ng		99
75) Fluoranthene	19.14	202	27333	8.494	ng		99
77) Benzidine	19.33	184	8900	5.466	ng		98
78) Pyrene	19.50	202	28252	8.098	ng		100
80) Butylbenzylphthalate	20.40	149	10955	7.728	ng		99
81) Benzo(a)anthracene	21.26	228	27231	8.367	ng		99
82) 3,3'-Dichlorobenzidine	21.20	252	9568	7.862	ng		99
83) Chrysene	21.31	228	25874	8.324	ng		99
84) Bis(2-ethylhexyl)phthalate	21.17	149	15408	7.856	ng		100
85) Di-n-octyl phthalate	22.05	149	25195	7.960	ng	#	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	26514	7.508	ng		99
88) Benzo(b)fluoranthene	22.84	252	25690	8.489	ng		99
89) Benzo(k)fluoranthene	22.89	252	23426	8.441	ng		99
90) Benzo(a)pyrene	23.42	252	22712	8.201	ng		98
91) Dibenzo(a,h)anthracene	25.79	278	21811	7.845	ng		100
92) Benzo(g,h,i)perylene	26.47	276	21443	7.799	ng		99

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

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