Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103146.D
Acq On : 21 Feb 2018 19:39
Operator : SJ/JU
Sample : J1619-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BUS-WASH-SLUDGE-PITMS

Quant Time: Feb 22 00:37:08 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	175015	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	716972	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	302944	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	428114	20.00	ng		0.00
75) Chrysene-d12	14.06	240	284730	20.00	ng		0.00
86) Perylene-d12	15.54	264	245653	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1213470	105.30	ng		0.03
7) Phenol-d6	6.52	99	1357830	97.85	ng		0.01
23) Nitrobenzene-d5	7.45	82	1035148	100.16	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	280669	115.11	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1540000	84.35	ng		0.00
78) Terphenyl-d14	12.99	244	1129936	93.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	199023	34.965	ng	#	74
3) Pyridine	3.61	79	389701	24.780	ng		96
4) n-Nitrosodimethylamine	3.50	42	265651	39.481	ng		97
6) Aniline	6.55	93	140503	6.857	ng	#	85
8) 2-Chlorophenol	6.67	128	488032	41.134	ng		93
10) Phenol	6.53	94	527784	35.492	ng		97
11) bis(2-Chloroethyl)ether	6.62	93	498019	40.247	ng		90
12) 1,3-Dichlorobenzene	6.82	146	528917	38.497	ng		98
13) 1,4-Dichlorobenzene	6.90	146	526126	38.443	ng		100
14) 1,2-Dichlorobenzene	7.05	146	480937	37.728	ng		98
15) Benzyl Alcohol	7.02	79	402329	37.713	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	855258	36.385	ng		96
17) 2-Methylphenol	7.13	107	419236	38.308	ng		98
18) Hexachloroethane	7.39	117	171750	36.596	ng		93
19) n-Nitroso-di-n-propylamine	7.30	70	333877	36.494	ng		98
20) 3+4-Methylphenols	7.29	107	496607	36.798	ng	#	58
22) Acetophenone	7.29	105	651321	37.123	ng	#	92
24) Nitrobenzene	7.47	77	547655	45.047	ng		96
25) Isophorone	7.70	82	1018656	42.803	ng		100
26) 2-Nitrophenol	7.78	139	267979	52.633	ng		98
27) 2,4-Dimethylphenol	7.82	122	455642	45.317	ng		100
28) bis(2-Chloroethoxy)methane	7.90	93	638842	45.314	ng		99
29) 2,4-Dichlorophenol	8.02	162	418535	45.790	ng		100
30) 1,2,4-Trichlorobenzene	8.10	180	400886	38.770	ng		100
31) Naphthalene	8.19	128	1375037	39.253	ng		100
32) Benzoic acid	7.97	122	468711	60.327	ng		97
33) 4-Chloroaniline	8.23	127	60782	4.028	ng		97
34) Hexachlorobutadiene	8.29	225	201392	38.009	ng		99
35) Caprolactam	8.62	113	116617	36.738	ng	#	81
36) 4-Chloro-3-methylphenol	8.72	107	459040	44.698	ng		99
37) 2-Methylnaphthalene	8.87	142	914044	39.855	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	347481	42.126	ng		99
40) Hexachlorocyclopentadiene	9.02	237	42071	10.729	ng		97
42) 2,4,6-Trichlorophenol	9.16	196	259780	47.948	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.20	196	265140	43.419	ng		98
45) 1,1'-Biphenyl	9.34	154	1032472	40.463	ng		98
46) 2-Chloronaphthalene	9.37	162	826842	41.161	ng		97
47) 2-Nitroaniline	9.46	65	325276	52.151	ng		86
48) Acenaphthylene	9.78	152	1214655	38.931	ng		99
49) Dimethylphthalate	9.64	163	1060434	44.893	ng		100
50) 2,6-Dinitrotoluene	9.70	165	218179	48.549	ng		92
51) Acenaphthene	9.96	154	701991	37.623	ng		99
52) 3-Nitroaniline	9.87	138	81164	14.678	ng		96
53) 2,4-Dinitrophenol	9.99	184	40057	41.539	ng	#	20
54) Dibenzofuran	10.13	168	1038448	39.492	ng		99
55) 4-Nitrophenol	10.05	139	308119	68.419	ng		92
56) 2,4-Dinitrotoluene	10.12	165	267842	44.668	ng		92
57) Fluorene	10.47	166	778840	40.709	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.25	232	189276	44.721	ng		98
59) Diethylphthalate	10.34	149	967468	41.480	ng		98
60) 4-Chlorophenyl-phenylether	10.46	204	358507	42.360	ng		99
61) 4-Nitroaniline	10.49	138	220042	41.806	ng		94
62) Azobenzene	10.62	77	907799	38.960	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	29505	23.411	ng		94
65) n-Nitrosodiphenylamine	10.58	169	717095	47.487	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	216347	47.773	ng		98
67) Hexachlorobenzene	11.02	284	211676	42.370	ng	#	89
68) Atrazine	11.10	200	176219	39.556	ng		97
69) Pentachlorophenol	11.22	266	205154	69.954	ng		100
70) Phenanthrene	11.43	178	989910	41.518	ng		99
71) Anthracene	11.49	178	1014740	41.844	ng		99
72) Carbazole	11.64	167	968058	40.746	ng		99
73) Di-n-butylphthalate	11.96	149	1357839	47.049	ng		100
74) Fluoranthene	12.62	202	926682	38.629	ng		97
76) Benzidine	12.74	184	183752	14.042	ng		97
77) Pyrene	12.86	202	937989	42.011	ng		99
79) Butylbenzylphthalate	13.46	149	518612	48.548	ng		96
80) Benzo(a)anthracene	14.04	228	833002	46.519	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	227030	34.194	ng		98
82) Chrysene	14.08	228	774618	42.913	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	701155	51.264	ng		99
84) Di-n-octyl phthalate	14.63	149	1193872	58.133	ng		98
85) Indeno(1,2,3-cd)pyrene	17.07	276	607575	40.583	ng		97
87) Benzo(b)fluoranthene	15.11	252	692423	43.476	ng		98
88) Benzo(k)fluoranthene	15.14	252	697838	45.857	ng		98
89) Benzo(a)pyrene	15.49	252	636136	44.374	ng		97
90) Dibenzo(a,h)anthracene	17.07	278	507902	43.649	ng		99
91) Benzo(g,h,i)perylene	17.53	276	508407	44.639	ng		99

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

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