Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011818\
Data File : BG032146.D
Acq On : 18 Jan 2018 21:24
Operator : SJ/JU
Sample : J1187-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-4A(34-36)MS

Quant Time: Jan 19 11:11:45 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	41544	20.00	ng		0.00
21) Naphthalene-d8	11.63	136	169941	20.00	ng		0.00
38) Acenaphthene-d10	15.38	164	121533	20.00	ng		0.00
63) Phenanthrene-d10	18.11	188	325715	20.00	ng		0.00
75) Chrysene-d12	22.45	240	409471	20.00	ng		0.00
86) Perylene-d12	26.15	264	441095	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.17	112	361821	159.29	ng		0.00
7) Phenol-d6	7.86	99	454505	158.87	ng		0.00
23) Nitrobenzene-d5	9.94	82	271354	108.03	ng		0.00
41) 2,4,6-Tribromophenol	16.86	330	335372	166.76	ng		0.00
44) 2-Fluorobiphenyl	14.01	172	842949	86.00	ng		0.00
78) Terphenyl-d14	20.65	244	1539013	82.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.83	88	26938	30.869	ng	#	74
3) Pyridine	4.27	79	75578	32.446	ng		86
4) n-Nitrosodimethylamine	4.18	42	41838	51.125	ng	#	79
6) Aniline	8.03	93	94437	26.171	ng		94
8) 2-Chlorophenol	8.29	128	113852	44.792	ng		82
9) Benzaldehyde	7.84	77	70931	42.793	ng		88
10) Phenol	7.88	94	143859	51.048	ng		96
11) bis(2-Chloroethyl)ether	8.13	93	92690	41.055	ng	#	82
12) 1,3-Dichlorobenzene	8.63	146	125599	37.755	ng		96
13) 1,4-Dichlorobenzene	8.78	146	129077	38.536	ng		97
14) 1,2-Dichlorobenzene	9.11	146	123414	38.095	ng		95
15) Benzyl Alcohol	8.98	79	99583	47.917	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.28	45	92445	40.290	ng		82
17) 2-Methylphenol	9.18	107	93754	43.532	ng		92
18) Hexachloroethane	9.87	117	42229	41.023	ng	#	79
19) n-Nitroso-di-n-propylamine	9.56	70	77504	43.664	ng	#	89
20) 3+4-Methylphenols	9.51	107	129179	43.297	ng		97
22) Acetophenone	9.58	105	165347	42.834	ng	#	89
24) Nitrobenzene	9.98	77	111479	44.492	ng	#	85
25) Isophorone	10.51	82	217461	46.493	ng	#	88
26) 2-Nitrophenol	10.71	139	69910	47.089	ng	#	84
27) 2,4-Dimethylphenol	10.75	122	114168	48.459	ng		97
28) bis(2-Chloroethoxy)methane	10.99	93	128996	45.775	ng		93
29) 2,4-Dichlorophenol	11.25	162	145024	50.027	ng		90
30) 1,2,4-Trichlorobenzene	11.48	180	156167	41.712	ng		96
31) Naphthalene	11.68	128	347434	41.270	ng		99
33) 4-Chloroaniline	11.77	127	102762	28.466	ng	#	92
34) Hexachlorobutadiene	11.95	225	110777	41.196	ng		95
35) Caprolactam	12.51	113	43047	48.947	ng	#	50
36) 4-Chloro-3-methylphenol	12.84	107	134392	50.648	ng	#	88
37) 2-Methylnaphthalene	13.24	142	290877	43.521	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.60	216	218331	41.213	ng	#	96
40) Hexachlorocyclopentadiene	13.57	237	269183	90.215	ng		92
42) 2,4,6-Trichlorophenol	13.82	196	136604	45.892	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.90	196	151122	43.862	ng	#	92
45) 1,1'-Biphenyl	14.22	154	414099	39.746	ng		92
46) 2-Chloronaphthalene	14.27	162	324373	40.021	ng		96
47) 2-Nitroaniline	14.46	65	77753	50.111	ng	#	74
48) Acenaphthylene	15.11	152	483146	39.145	ng		99
49) Dimethylphthalate	14.81	163	575086	54.074	ng	#	99
50) 2,6-Dinitrotoluene	14.94	165	99551	45.097	ng	#	73
51) Acenaphthene	15.45	154	309644	37.940	ng		100
52) 3-Nitroaniline	15.27	138	69866	35.042	ng	#	76
53) 2,4-Dinitrophenol	15.47	184	11282	16.265	ng	#	38
54) Dibenzofuran	15.77	168	517468	42.504	ng		99
55) 4-Nitrophenol	15.55	139	146128	100.570	ng	#	79
56) 2,4-Dinitrotoluene	15.72	165	145449	48.940	ng	#	67
57) Fluorene	16.42	166	420808	42.144	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.99	232	163163	51.192	ng	#	84
59) Diethylphthalate	16.15	149	435524	42.242	ng		97
60) 4-Chlorophenyl-phenylether	16.39	204	264422	43.170	ng		94
61) 4-Nitroaniline	16.42	138	91960	48.082	ng		89
62) Azobenzene	16.69	77	280865	43.523	ng		88
64) 4,6-Dinitro-2-methylphenol	16.47	198	66746	33.642	ng	#	68
65) n-Nitrosodiphenylamine	16.60	169	395576	40.024	ng		98
66) 4-Bromophenyl-phenylether	17.29	248	191350	41.290	ng		94
67) Hexachlorobenzene	17.42	284	198901	38.793	ng	#	91
68) Atrazine	17.53	200	193520	46.558	ng		98
69) Pentachlorophenol	17.75	266	255473	77.954	ng		99
70) Phenanthrene	18.16	178	733501	40.448	ng		99
71) Anthracene	18.25	178	755759	41.784	ng		99
72) Carbazole	18.50	167	691449	44.068	ng		99
73) Di-n-butylphthalate	19.01	149	769934	41.527	ng		99
74) Fluoranthene	20.12	202	1006556	44.331	ng		95
76) Benzidine	20.28	184	493723	48.218	ng		99
77) Pyrene	20.48	202	1007647	39.146	ng		98
79) Butylbenzylphthalate	21.34	149	355324	38.527	ng	#	74
80) Benzo(a)anthracene	22.43	228	1072316	42.109	ng		99
81) 3,3'-Dichlorobenzidine	22.32	252	291708	30.665	ng	#	97
82) Chrysene	22.50	228	997968	40.807	ng		97
83) Bis(2-ethylhexyl)phthalate	22.27	149	508631	37.609	ng	#	99
84) Di-n-octyl phthalate	23.65	149	870578	40.531	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.45	276	1326589	44.325	ng	#	87
87) Benzo(b)fluoranthene	24.97	252	1107959	41.556	ng	#	96
88) Benzo(k)fluoranthene	25.05	252	1115991	42.836	ng	#	97
89) Benzo(a)pyrene	25.98	252	1104493	43.792	ng	#	96
90) Dibenzo(a,h)anthracene	30.52	278	1107027	45.549	ng	#	96
91) Benzo(g,h,i)perylene	31.80	276	1103329	44.416	ng	#	93

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

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