Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
Data File : BG035416.D
Acq On : 26 Jun 2018 18:55
Operator : JU/SJ
Sample : J3665-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-105-4(95-97)MS

Manual Integrations APPROVED
Sohil
6/27/2018 3:32:27 PM

Quant Time: Jun 27 03:00:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	48867	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	185765	20.00	ng		-0.03
38) Acenaphthene-d10	14.67	164	133198	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	351706	20.00	ng		-0.02
75) Chrysene-d12	21.68	240	367889	20.00	ng		-0.03
86) Perylene-d12	24.90	264	367408	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	467627	161.49	ng		-0.02
7) Phenol-d6	7.21	99	677006	158.41	ng		-0.01
23) Nitrobenzene-d5	9.22	82	436525	111.70	ng		-0.02
41) 2,4,6-Tribromophenol	16.16	330	313004	183.57	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	912697	89.08	ng		-0.03
78) Terphenyl-d14	20.02	244	1576826	89.78	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	51355	37.172	ng	#	75
3) Pyridine	3.94	79	154912	41.557	ng	#	74
4) n-Nitrosodimethylamine	3.85	42	65400	40.838	ng	#	79
6) Aniline	7.38	93	220414	39.898	ng		98
8) 2-Chlorophenol	7.62	128	151380	49.874	ng		92
9) Benzaldehyde	7.19	77	111082	33.743	ng		96
10) Phenol	7.24	94	231746	52.397	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	152662	44.471	ng		88
12) 1,3-Dichlorobenzene	7.94	146	168475	46.521	ng		97
13) 1,4-Dichlorobenzene	8.08	146	171400	45.848	ng		94
14) 1,2-Dichlorobenzene	8.41	146	162451	46.262	ng		96
15) Benzyl Alcohol	8.29	79	177031	43.715	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.58	45	166161	48.631	ng		79
17) 2-Methylphenol	8.49	107	148208	50.826	ng	#	87
18) Hexachloroethane	9.14	117	63113	47.156	ng		92
19) n-Nitroso-di-n-propylamine	8.85	70	139201	38.338	ng	#	87
20) 3+4-Methylphenols	8.82	107	205284	49.115	ng		93
22) Acetophenone	8.87	105	257882	44.815	ng	#	91
24) Nitrobenzene	9.26	77	209513	52.354	ng		95
25) Isophorone	9.78	82	394422	47.803	ng		99
26) 2-Nitrophenol	9.97	139	86435	62.661	ng	#	90
27) 2,4-Dimethylphenol	10.02	122	155738	53.713	ng		90
28) bis(2-Chloroethoxy)methane	10.26	93	211212	47.635	ng		95
29) 2,4-Dichlorophenol	10.50	162	178571	56.602	ng		92
30) 1,2,4-Trichlorobenzene	10.72	180	189140	49.998	ng		97
31) Naphthalene	10.91	128	464626	48.146	ng		98
32) Benzoic acid	10.16	122	89184	45.922	ng		95
33) 4-Chloroaniline	11.01	127	117490	28.039	ng		96
34) Hexachlorobutadiene	11.19	225	146399	49.761	ng		97
35) Caprolactam	11.79	113	59970m	51.435	ng		
36) 4-Chloro-3-methylphenol	12.13	107	207071	52.654	ng		94
37) 2-Methylnaphthalene	12.51	142	369478	50.500	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	251241	50.640	ng		97
40) Hexachlorocyclopentadiene	12.85	237	347187	111.592	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	166695	56.112	ng		96
43) 2,4,5-Trichlorophenol	13.18	196	184859	56.694	ng		95
45) 1,1'-Biphenyl	13.51	154	501896	46.860	ng		96
46) 2-Chloronaphthalene	13.55	162	394707	48.743	ng		99
47) 2-Nitroaniline	13.75	65	136382	57.035	ng		95
48) Acenaphthylene	14.40	152	658453	48.493	ng		98
49) Dimethylphthalate	14.13	163	694615	59.802	ng		99
50) 2,6-Dinitrotoluene	14.25	165	119845	56.557	ng		93
51) Acenaphthene	14.74	154	388247	43.762	ng		99
52) 3-Nitroaniline	14.57	138	90818	43.677	ng	#	94
53) 2,4-Dinitrophenol	14.78	184	144602	168.617	ng	#	67
54) Dibenzofuran	15.07	168	638592	48.061	ng		95
55) 4-Nitrophenol	14.89	139	197538	112.566	ng	#	89
56) 2,4-Dinitrotoluene	15.03	165	179059	63.612	ng	#	85
57) Fluorene	15.72	166	530231	47.750	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	186512	58.881	ng		92
59) Diethylphthalate	15.49	149	533687	45.035	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	301009	47.537	ng		98
61) 4-Nitroaniline	15.74	138	127598	57.220	ng		87
62) Azobenzene	16.00	77	531407	45.761	ng		94
64) 4,6-Dinitro-2-methylphenol	15.80	198	108252	67.414	ng		82
65) n-Nitrosodiphenylamine	15.93	169	466886	44.204	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	211533	49.944	ng		97
67) Hexachlorobenzene	16.72	284	211072	48.962	ng		96
68) Atrazine	16.87	200	213074	47.306	ng		97
69) Pentachlorophenol	17.07	266	265554	91.609	ng		98
70) Phenanthrene	17.46	178	848145	47.473	ng		97
71) Anthracene	17.55	178	868326	48.520	ng		98
72) Carbazole	17.82	167	786015	47.337	ng		97
73) Di-n-butylphthalate	18.37	149	892596	45.101	ng	#	97
74) Fluoranthene	19.46	202	1107792	47.651	ng		96
76) Benzidine	19.64	184	720136	52.615	ng		97
77) Pyrene	19.83	202	1094552	45.131	ng		98
79) Butylbenzylphthalate	20.71	149	411228	46.695	ng		98
80) Benzo(a)anthracene	21.67	228	1131237	48.119	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	265055	29.968	ng	#	98
82) Chrysene	21.73	228	1064146	49.439	ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	564649	45.376	ng		98
84) Di-n-octyl phthalate	22.78	149	959296	44.935	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.57	276	1264373	50.155	ng	#	85
87) Benzo(b)fluoranthene	23.88	252	1118003	49.413	ng	#	96
88) Benzo(k)fluoranthene	23.95	252	1061614	47.965	ng	#	95
89) Benzo(a)pyrene	24.75	252	1084539	50.940	ng	#	97
90) Dibenzo(a,h)anthracene	28.63	278	1037350	49.357	ng	#	93
91) Benzo(g,h,i)perylene	29.72	276	1061726	51.620	ng	#	93

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

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