Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121417\
Data File : BG031573.D
Acq On : 15 Dec 2017 00:11
Operator : SJ/JU
Sample : I6888-05MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-122-2(40-42)MS

Manual Integrations APPROVED
Sohil
12/15/2017 6:47:01 PM

Quant Time: Dec 15 04:19:03 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	74624	20.00	ng		-0.01
21) Naphthalene-d8	10.91	136	308171	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	204673	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	514607	20.00	ng		-0.01
75) Chrysene-d12	21.74	240	583507	20.00	ng		-0.01
86) Perylene-d12	25.02	264	548821	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	654579	155.48	ng		0.00
7) Phenol-d6	7.27	99	832156	142.38	ng		0.00
23) Nitrobenzene-d5	9.27	82	499661	99.94	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	377318	157.36	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	1302723	93.43	ng		0.00
78) Terphenyl-d14	20.06	244	2170400	84.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	75801	37.735	ng	#	81
3) Pyridine	3.91	79	199959	37.807	ng		87
4) n-Nitrosodimethylamine	3.82	42	100285	40.256	ng	#	88
6) Aniline	7.42	93	230824	29.989	ng		93
8) 2-Chlorophenol	7.67	128	233778	49.782	ng		88
9) Benzaldehyde	7.23	77	145779	43.032	ng		90
10) Phenol	7.30	94	318102	52.982	ng		92
11) bis(2-Chloroethyl)ether	7.51	93	212642	43.394	ng		87
12) 1,3-Dichlorobenzene	7.98	146	250164	44.795	ng		97
13) 1,4-Dichlorobenzene	8.13	146	250815	43.214	ng		95
14) 1,2-Dichlorobenzene	8.45	146	240845	43.562	ng		98
15) Benzyl Alcohol	8.34	79	190156	41.592	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.62	45	305285	55.454	ng		92
17) 2-Methylphenol	8.55	107	193828	47.360	ng		98
18) Hexachloroethane	9.18	117	87234	44.588	ng		90
19) n-Nitroso-di-n-propylamine	8.91	70	167587	36.431	ng	#	93
20) 3+4-Methylphenols	8.88	107	265692	43.579	ng		94
22) Acetophenone	8.92	105	348093	47.084	ng	#	91
24) Nitrobenzene	9.31	77	247532	48.314	ng		88
25) Isophorone	9.83	82	466945	49.418	ng	#	92
26) 2-Nitrophenol	10.03	139	131599	51.945	ng	#	88
27) 2,4-Dimethylphenol	10.08	122	223248	58.009	ng		93
28) bis(2-Chloroethoxy)methane	10.30	93	292379	47.929	ng		94
29) 2,4-Dichlorophenol	10.57	162	251752	55.523	ng		91
30) 1,2,4-Trichlorobenzene	10.77	180	276859	47.802	ng		98
31) Naphthalene	10.96	128	690730	45.624	ng		99
32) Benzoic acid	10.24	122	5560m	9.685	ng		
33) 4-Chloroaniline	11.08	127	112542	17.120	ng		96
34) Hexachlorobutadiene	11.24	225	178927	46.574	ng		95
35) Caprolactam	11.85	113	88487	49.700	ng	#	72
36) 4-Chloro-3-methylphenol	12.20	107	249920	48.288	ng		85
37) 2-Methylnaphthalene	12.56	142	531539	45.345	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	359783	44.978	ng		97
40) Hexachlorocyclopentadiene	12.90	237	159557	64.415	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	215509	52.732	ng		96
43) 2,4,5-Trichlorophenol	13.25	196	228544	51.914	ng	#	93
45) 1,1'-Biphenyl	13.56	154	743994	44.258	ng		96
46) 2-Chloronaphthalene	13.61	162	578217	46.994	ng		95
47) 2-Nitroaniline	13.81	65	166035	48.023	ng	#	83
48) Acenaphthylene	14.45	152	860095	43.444	ng		98
49) Dimethylphthalate	14.18	163	888167	52.415	ng		98
50) 2,6-Dinitrotoluene	14.30	165	176842	48.826	ng	#	73
51) Acenaphthene	14.79	154	541695	43.272	ng		99
52) 3-Nitroaniline	14.64	138	110808	30.012	ng	#	78
53) 2,4-Dinitrophenol	14.86	184	25045	23.747	ng	#	51
54) Dibenzofuran	15.12	168	880459	44.075	ng		98
55) 4-Nitrophenol	14.96	139	215398	86.060	ng	#	81
56) 2,4-Dinitrotoluene	15.10	165	248708	48.347	ng	#	75
57) Fluorene	15.77	166	713560	44.580	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	218804	52.876	ng	#	90
59) Diethylphthalate	15.53	149	766864	45.150	ng		97
60) 4-Chlorophenyl-phenylether	15.75	204	424874	43.386	ng		92
61) 4-Nitroaniline	15.80	138	187579	48.414	ng		91
62) Azobenzene	16.05	77	612475	43.531	ng		92
64) 4,6-Dinitro-2-methylphenol	15.87	198	73435	26.074	ng		77
65) n-Nitrosodiphenylamine	15.97	169	674546	44.783	ng		99
66) 4-Bromophenyl-phenylether	16.65	248	283697	47.409	ng		97
67) Hexachlorobenzene	16.78	284	288976	46.766	ng		96
68) Atrazine	16.91	200	294477	53.467	ng		98
69) Pentachlorophenol	17.12	266	195694	66.883	ng		98
70) Phenanthrene	17.51	178	1205353	44.849	ng		97
71) Anthracene	17.60	178	1244812	46.832	ng		99
72) Carbazole	17.87	167	1142334	47.490	ng		98
73) Di-n-butylphthalate	18.41	149	1299682	46.788	ng		99
74) Fluoranthene	19.51	202	1580419	46.988	ng		97
76) Benzidine	19.69	184	748062	55.088	ng		97
77) Pyrene	19.87	202	1600696	44.149	ng		96
79) Butylbenzylphthalate	20.74	149	627989	49.373	ng		85
80) Benzo(a)anthracene	21.72	228	1596463	45.329	ng		98
81) 3,3'-Dichlorobenzidine	21.63	252	357054	29.129	ng		99
82) Chrysene	21.79	228	1531432	45.357	ng		97
83) Bis(2-ethylhexyl)phthalate	21.60	149	893266	48.814	ng		98
84) Di-n-octyl phthalate	22.81	149	1458222	48.309	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.79	276	1565767	43.393	ng		98
87) Benzo(b)fluoranthene	23.98	252	1530581	46.648	ng		99
88) Benzo(k)fluoranthene	24.04	252	1525724	45.565	ng		96
89) Benzo(a)pyrene	24.87	252	1477641	47.473	ng		99
90) Dibenzo(a,h)anthracene	28.83	278	1309866	44.007	ng		98
91) Benzo(g,h,i)perylene	29.96	276	1293990	44.220	ng		98

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

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