Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
Data File : BG035417.D
Acq On : 26 Jun 2018 19:34
Operator : JU/SJ
Sample : J3665-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
6/27/2018 3:32:29 PM

Quant Time: Jun 27 03:01:33 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	53147	20.00	ng		-0.02
21) Naphthalene-d8	10.85	136	192456	20.00	ng		-0.03
38) Acenaphthene-d10	14.67	164	136065	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	351759	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	361058	20.00	ng		-0.03
86) Perylene-d12	24.90	264	358635	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	455334	144.58	ng		-0.01
7) Phenol-d6	7.22	99	667735	143.66	ng		0.00
23) Nitrobenzene-d5	9.21	82	425704	105.14	ng		-0.02
41) 2,4,6-Tribromophenol	16.16	330	299941	172.20	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	883740	84.43	ng		-0.03
78) Terphenyl-d14	20.02	244	1482904	86.03	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	48573	32.327	ng	#	76
3) Pyridine	3.94	79	147995	36.504	ng	#	73
4) n-Nitrosodimethylamine	3.86	42	62786	36.049	ng	#	68
6) Aniline	7.38	93	219584	36.547	ng		97
8) 2-Chlorophenol	7.62	128	144966	43.915	ng		96
9) Benzaldehyde	7.19	77	110831	30.956	ng		96
10) Phenol	7.24	94	228055	47.410	ng		93
11) bis(2-Chloroethyl)ether	7.47	93	149359	40.005	ng		88
12) 1,3-Dichlorobenzene	7.94	146	166941	42.385	ng		96
13) 1,4-Dichlorobenzene	8.09	146	167550	41.209	ng		95
14) 1,2-Dichlorobenzene	8.40	146	162639	42.586	ng		94
15) Benzyl Alcohol	8.29	79	175283	39.798	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.57	45	162722	43.790	ng		76
17) 2-Methylphenol	8.49	107	147996	46.666	ng		95
18) Hexachloroethane	9.14	117	58645	40.289	ng		91
19) n-Nitroso-di-n-propylamine	8.85	70	139617	35.356	ng	#	82
20) 3+4-Methylphenols	8.82	107	203926	44.861	ng		94
22) Acetophenone	8.87	105	258330	43.332	ng	#	90
24) Nitrobenzene	9.26	77	202964	48.954	ng		95
25) Isophorone	9.77	82	389322	45.544	ng		99
26) 2-Nitrophenol	9.97	139	84882	59.396	ng	#	90
27) 2,4-Dimethylphenol	10.02	122	150487	50.098	ng		87
28) bis(2-Chloroethoxy)methane	10.25	93	207251	45.117	ng		99
29) 2,4-Dichlorophenol	10.50	162	172363	52.735	ng		94
30) 1,2,4-Trichlorobenzene	10.72	180	186726	47.644	ng		99
31) Naphthalene	10.91	128	457080	45.718	ng		98
32) Benzoic acid	10.15	122	69220	34.403	ng		96
33) 4-Chloroaniline	11.01	127	120978	27.868	ng		97
34) Hexachlorobutadiene	11.19	225	143109	46.951	ng		97
35) Caprolactam	11.79	113	56146m	46.481	ng		
36) 4-Chloro-3-methylphenol	12.13	107	202972	49.817	ng		100
37) 2-Methylnaphthalene	12.50	142	358714	47.324	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	245992	48.537	ng		99
40) Hexachlorocyclopentadiene	12.85	237	331895	104.429	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	162323	53.489	ng		98
43) 2,4,5-Trichlorophenol	13.18	196	174511	52.393	ng		97
45) 1,1'-Biphenyl	13.51	154	485638	44.387	ng		98
46) 2-Chloronaphthalene	13.56	162	381747	46.149	ng		98
47) 2-Nitroaniline	13.76	65	129832	53.152	ng		94
48) Acenaphthylene	14.40	152	626003	45.132	ng		98
49) Dimethylphthalate	14.13	163	691775	58.302	ng		98
50) 2,6-Dinitrotoluene	14.24	165	118470	54.730	ng		93
51) Acenaphthene	14.74	154	378790	41.797	ng		98
52) 3-Nitroaniline	14.57	138	86388	40.671	ng	#	91
53) 2,4-Dinitrophenol	14.78	184	132261	150.976	ng	#	67
54) Dibenzofuran	15.07	168	604368	44.527	ng		95
55) 4-Nitrophenol	14.88	139	179376	100.063	ng	#	89
56) 2,4-Dinitrotoluene	15.03	165	168930	58.749	ng		88
57) Fluorene	15.72	166	497588	43.866	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	181980	56.240	ng		91
59) Diethylphthalate	15.49	149	507369	41.912	ng		97
60) 4-Chlorophenyl-phenylether	15.71	204	293177	45.325	ng		97
61) 4-Nitroaniline	15.74	138	119655	52.528	ng		88
62) Azobenzene	16.01	77	497838	41.967	ng		94
64) 4,6-Dinitro-2-methylphenol	15.79	198	101633	63.282	ng		82
65) n-Nitrosodiphenylamine	15.92	169	451759	42.765	ng		96
66) 4-Bromophenyl-phenylether	16.60	248	198170	46.782	ng		97
67) Hexachlorobenzene	16.72	284	203114	47.109	ng		95
68) Atrazine	16.87	200	208692	46.326	ng		94
69) Pentachlorophenol	17.07	266	254447	87.764	ng		99
70) Phenanthrene	17.46	178	792655	44.360	ng		98
71) Anthracene	17.55	178	802711	44.847	ng		97
72) Carbazole	17.81	167	740671	44.600	ng		99
73) Di-n-butylphthalate	18.37	149	807842	40.812	ng	#	98
74) Fluoranthene	19.47	202	1009103	43.399	ng		95
76) Benzidine	19.64	184	655942	48.832	ng		97
77) Pyrene	19.82	202	992925	41.715	ng		98
79) Butylbenzylphthalate	20.70	149	370932	42.916	ng	#	96
80) Benzo(a)anthracene	21.66	228	1024574	44.406	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	267539	30.821	ng	#	95
82) Chrysene	21.73	228	961137	45.498	ng		99
83) Bis(2-ethylhexyl)phthalate	21.57	149	516231	42.270	ng	#	99
84) Di-n-octyl phthalate	22.78	149	891145	42.532	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.56	276	1137262	45.966	ng	#	86
87) Benzo(b)fluoranthene	23.88	252	1008732	45.674	ng	#	97
88) Benzo(k)fluoranthene	23.95	252	963191	44.583	ng	#	96
89) Benzo(a)pyrene	24.75	252	963714	46.373	ng	#	97
90) Dibenzo(a,h)anthracene	28.62	278	921733	44.929	ng	#	96
91) Benzo(g,h,i)perylene	29.72	276	952191	47.427	ng	#	93

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

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