Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
Data File : BG035187.D
Acq On : 16 Jun 2018 00:53
Operator : SJ/JU
Sample : J3518-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-106-7(3-8)MSD

Manual Integrations APPROVED
Sohil
6/18/2018 10:42:55 AM

Quant Time: Jun 16 04:00:42 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	8.06	152	46488	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	195688	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	147512	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	386706	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	394914	20.00	ng	-0.02
86) Perylene-d12	24.92	264	390046	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	414081	150.32	ng	0.00
7) Phenol-d6	7.22	99	638124	156.95	ng	0.00
23) Nitrobenzene-d5	9.23	82	412617	100.23	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	312127	165.29	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	930751	82.03	ng	-0.02
78) Terphenyl-d14	20.04	244	1620059	85.93	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	38082	28.975	ng	# 77
3) Pyridine	3.94	79	123048	34.698	ng	# 75
4) n-Nitrosodimethylamine	3.86	42	52989	34.782	ng	# 83
6) Aniline	7.39	93	163848	31.177	ng	98
8) 2-Chlorophenol	7.63	128	138395	47.930	ng	98
9) Benzaldehyde	7.20	77	95555	30.512	ng	95
10) Phenol	7.25	94	217532	51.701	ng	100
11) bis(2-Chloroethyl)ether	7.48	93	132902	40.696	ng	90
12) 1,3-Dichlorobenzene	7.95	146	142047	41.231	ng	95
13) 1,4-Dichlorobenzene	8.10	146	145502	40.912	ng	94
14) 1,2-Dichlorobenzene	8.42	146	143221	42.873	ng	98
15) Benzyl Alcohol	8.30	79	173024	44.912	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.59	45	154759	47.612	ng	76
17) 2-Methylphenol	8.50	107	146416	52.781	ng	93
18) Hexachloroethane	9.15	117	52399	41.154	ng	92
19) n-Nitroso-di-n-propylamine	8.87	70	139671	40.436	ng	# 84
20) 3+4-Methylphenols	8.82	107	206730	51.992	ng	97
22) Acetophenone	8.89	105	249008	41.078	ng	# 88
24) Nitrobenzene	9.27	77	202753	48.096	ng	95
25) Isophorone	9.79	82	402713	46.333	ng	99
26) 2-Nitrophenol	9.98	139	84042	57.837	ng	# 87
27) 2,4-Dimethylphenol	10.03	122	157370	51.524	ng	94
28) bis(2-Chloroethoxy)methane	10.27	93	215304	46.096	ng	98
29) 2,4-Dichlorophenol	10.51	162	177130	53.298	ng	92
30) 1,2,4-Trichlorobenzene	10.73	180	171927	43.143	ng	98
31) Naphthalene	10.92	128	440791	43.360	ng	98
32) Benzoic acid	10.14	122	51652	25.248	ng	91
33) 4-Chloroaniline	11.02	127	83813	18.988	ng	94
34) Hexachlorobutadiene	11.20	225	125808	40.594	ng	98
35) Caprolactam	11.79	113	59852m	48.730	ng	
36) 4-Chloro-3-methylphenol	12.14	107	219984	53.101	ng	93
37) 2-Methylnaphthalene	12.52	142	355699	46.151	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	238166	43.346	ng	99
40) Hexachlorocyclopentadiene	12.86	237	272267	79.019	ng	91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	170853	51.931	ng		99
43) 2,4,5-Trichlorophenol	13.19	196	187020	51.791	ng		99
45) 1,1'-Biphenyl	13.52	154	488552	41.188	ng		98
46) 2-Chloronaphthalene	13.56	162	390416	43.535	ng		98
47) 2-Nitroaniline	13.76	65	143809	54.305	ng		97
48) Acenaphthylene	14.41	152	660165	43.901	ng		99
49) Dimethylphthalate	14.14	163	689925	53.634	ng		98
50) 2,6-Dinitrotoluene	14.26	165	131364	55.977	ng		92
51) Acenaphthene	14.75	154	399903	40.702	ng		99
52) 3-Nitroaniline	14.58	138	76247	33.111	ng	#	95
53) 2,4-Dinitrophenol	14.79	184	100159	105.460	ng	#	64
54) Dibenzofuran	15.08	168	641212	43.576	ng		95
55) 4-Nitrophenol	14.89	139	192295	98.945	ng	#	88
56) 2,4-Dinitrotoluene	15.04	165	187214	60.055	ng	#	86
57) Fluorene	15.73	166	526505	42.813	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.31	232	191696	54.646	ng		94
59) Diethylphthalate	15.50	149	561043	42.749	ng		97
60) 4-Chlorophenyl-phenylether	15.72	204	302889	43.193	ng		96
61) 4-Nitroaniline	15.75	138	129961	52.625	ng	#	85
62) Azobenzene	16.02	77	540332	42.014	ng		93
64) 4,6-Dinitro-2-methylphenol	15.80	198	99708	56.473	ng		85
65) n-Nitrosodiphenylamine	15.94	169	486909	41.927	ng		98
66) 4-Bromophenyl-phenylether	16.62	248	211410	45.397	ng		99
67) Hexachlorobenzene	16.73	284	208709	44.032	ng		94
68) Atrazine	16.88	200	220663	44.557	ng		96
69) Pentachlorophenol	17.08	266	262115	82.238	ng		97
70) Phenanthrene	17.47	178	840843	42.804	ng		97
71) Anthracene	17.56	178	857801	43.594	ng		99
72) Carbazole	17.83	167	802944	43.980	ng		98
73) Di-n-butylphthalate	18.39	149	877439	40.322	ng	#	98
74) Fluoranthene	19.48	202	1072204	41.946	ng		96
76) Benzidine	19.65	184	547611	37.272	ng		99
77) Pyrene	19.84	202	1059849	40.710	ng		96
79) Butylbenzylphthalate	20.72	149	406852	43.037	ng		96
80) Benzo(a)anthracene	21.68	228	1074926	42.595	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	207540	21.859	ng	#	98
82) Chrysene	21.75	228	996081	43.110	ng		98
83) Bis(2-ethylhexyl)phthalate	21.59	149	566394	42.401	ng	#	99
84) Di-n-octyl phthalate	22.80	149	973500	42.480	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.60	276	1131070	41.797	ng	#	90
87) Benzo(b)fluoranthene	23.90	252	1034390	43.064	ng	#	96
88) Benzo(k)fluoranthene	23.97	252	999040	42.518	ng	#	97
89) Benzo(a)pyrene	24.77	252	1001264	44.300	ng	#	97
90) Dibenzo(a,h)anthracene	28.67	278	910029	40.786	ng	#	96
91) Benzo(g,h,i)perylene	29.75	276	920844	42.172	ng	#	94

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

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