Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
Data File : BG037592.D
Acq On : 26 Oct 2018 22:25
Operator : JU/SJ
Sample : PB114161BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114161BS

Quant Time: Oct 27 03:41:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	50217	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	235768	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	159453	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	386566	20.00	ng		0.00
76) Chrysene-d12	21.77	240	342585	20.00	ng		0.00
87) Perylene-d12	25.10	264	358562	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	430680	143.38	ng		0.00
7) Phenol-d6	7.25	99	604960	133.19	ng		0.00
23) Nitrobenzene-d5	9.28	82	309456	73.53	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	222167	127.75	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	773843	73.18	ng		0.00
79) Terphenyl-d14	20.08	244	967681	60.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	46578	30.578	ng		98
3) Pyridine	3.93	79	134695	35.084	ng		93
4) n-Nitrosodimethylamine	3.85	42	60346	44.129	ng		93
6) Aniline	7.43	93	175831	31.734	ng		96
8) 2-Chlorophenol	7.66	128	152442	43.383	ng		99
9) Benzaldehyde	7.24	77	73541	25.884	ng		99
10) Phenol	7.28	94	206586	43.109	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	137655	37.821	ng		94
12) 1,3-Dichlorobenzene	7.99	146	147368	37.672	ng		99
13) 1,4-Dichlorobenzene	8.14	146	151165	37.777	ng		99
14) 1,2-Dichlorobenzene	8.46	146	145602	37.827	ng		99
15) Benzyl Alcohol	8.34	79	138087	41.146	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	254582	39.091	ng		98
17) 2-Methylphenol	8.53	107	140146	44.235	ng		97
18) Hexachloroethane	9.19	117	53807	39.443	ng		91
19) n-Nitroso-di-n-propylamine	8.90	70	116265	37.174	ng		95
20) 3+4-Methylphenols	8.86	107	193279	42.669	ng		98
22) Acetophenone	8.93	105	222876	37.693	ng	#	99
24) Nitrobenzene	9.32	77	170426	38.979	ng		95
25) Isophorone	9.84	82	334987	43.561	ng		98
26) 2-Nitrophenol	10.03	139	81361	41.307	ng		98
27) 2,4-Dimethylphenol	10.07	122	167585	47.653	ng		97
28) bis(2-Chloroethoxy)methane	10.32	93	204621	40.613	ng		98
29) 2,4-Dichlorophenol	10.56	162	163739	41.817	ng		98
30) 1,2,4-Trichlorobenzene	10.78	180	154822	36.359	ng		98
31) Naphthalene	10.98	128	475491	41.060	ng		99
32) Benzoic acid	10.20	122	106779	46.747	ng		95
33) 4-Chloroaniline	11.08	127	123188	22.640	ng		98
34) Hexachlorobutadiene	11.24	225	89891	35.619	ng		91
35) Caprolactam	11.87	113	63543	40.463	ng		95
36) 4-Chloro-3-methylphenol	12.19	107	185181	41.935	ng		97
37) 2-Methylnaphthalene	12.57	142	361259	42.795	ng		99
38) 1-Methylnaphthalene	12.79	142	344604	42.035	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	183057	35.592	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	216380	88.074	ng		98
43) 2,4,6-Trichlorophenol	13.17	196	141431	41.160	ng		99
44) 2,4,5-Trichlorophenol	13.24	196	154605	41.326	ng		96
46) 1,1'-Biphenyl	13.57	154	478507	36.236	ng		100
47) 2-Chloronaphthalene	13.62	162	375312	37.567	ng		98
48) 2-Nitroaniline	13.83	65	125548	41.440	ng		96
49) Acenaphthylene	14.46	152	632439	42.083	ng		100
50) Dimethylphthalate	14.19	163	493639	40.018	ng		100
51) 2,6-Dinitrotoluene	14.32	165	112257	41.137	ng		96
52) Acenaphthene	14.80	154	363495	39.273	ng		99
53) 3-Nitroaniline	14.65	138	96546	31.869	ng	#	91
54) 2,4-Dinitrophenol	14.85	184	82743	72.711	ng		96
55) Dibenzofuran	15.13	168	593421	38.698	ng		99
56) 4-Nitrophenol	14.94	139	189985	84.725	ng		98
57) 2,4-Dinitrotoluene	15.10	165	157555	43.984	ng		97
58) Fluorene	15.78	166	484261	42.170	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	135860	42.414	ng		99
60) Diethylphthalate	15.54	149	508920	40.185	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	248408	37.113	ng		99
62) 4-Nitroaniline	15.81	138	124876	41.484	ng		91
63) Azobenzene	16.06	77	484939	40.133	ng		97
65) 4,6-Dinitro-2-methylphenol	15.85	198	76666	39.603	ng		99
66) n-Nitrosodiphenylamine	15.99	169	440759	37.905	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	155841	36.711	ng		95
68) Hexachlorobenzene	16.78	284	160057	36.379	ng		98
69) Atrazine	16.93	200	166639	39.637	ng		100
70) Pentachlorophenol	17.12	266	191861	65.103	ng		95
71) Phenanthrene	17.52	178	796650	40.549	ng		100
72) Anthracene	17.62	178	810951	42.061	ng		98
73) Carbazole	17.89	167	738896	38.313	ng		100
74) Di-n-butylphthalate	18.42	149	883219	41.168	ng		100
75) Fluoranthene	19.53	202	927021	41.602	ng		100
77) Benzidine	19.71	184	356605	30.613	ng		99
78) Pyrene	19.89	202	912192	40.731	ng		100
80) Butylbenzylphthalate	20.77	149	396304	43.239	ng		94
81) Benzo(a)anthracene	21.75	228	853790	42.134	ng		100
82) 3,3'-Dichlorobenzidine	21.66	252	228542	29.098	ng		98
83) Chrysene	21.82	228	799239	41.018	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	549587	42.778	ng		98
85) Di-n-octyl phthalate	22.87	149	929599	44.373	ng		97
86) Indeno(1,2,3-cd)pyrene	28.92	276	863865	41.336	ng		99
88) Benzo(b)fluoranthene	24.03	252	838471	42.654	ng		99
89) Benzo(k)fluoranthene	24.10	252	808009	41.954	ng		98
90) Benzo(a)pyrene	24.94	252	804721	43.081	ng		99
91) Dibenzo(a,h)anthracene	28.99	278	709414	41.172	ng		96
92) Benzo(g,h,i)perylene	30.13	276	723998	41.533	ng		97

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

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