Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
Data File : BG038526.D
Acq On : 13 Dec 2018 10:50
Operator : JU/SJ
Sample : PB115474BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115474BS

Manual Integrations APPROVED
Sohil
12/13/2018 6:08:12 PM

Quant Time: Dec 13 16:42:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	17359	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	73428	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	50002	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	132489	20.00	ng		0.00
76) Chrysene-d12	21.72	240	140799	20.00	ng		0.00
87) Perylene-d12	25.02	264	141964	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	146993	150.19	ng		0.00
7) Phenol-d6	7.21	99	196273	146.08	ng		0.00
23) Nitrobenzene-d5	9.24	82	98102	68.25	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	99160	143.89	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	237905	65.27	ng		0.00
79) Terphenyl-d14	20.04	244	533831	82.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	17889	39.273	ng		94
3) Pyridine	3.89	79	47480	37.859	ng		93
4) n-Nitrosodimethylamine	3.81	42	30107	48.995	ng	#	90
6) Aniline	7.39	93	63136	36.810	ng		98
8) 2-Chlorophenol	7.62	128	53673	47.389	ng		95
9) Benzaldehyde	7.20	77	18263	20.953	ng		96
10) Phenol	7.24	94	70410	49.327	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	47188	41.522	ng		97
12) 1,3-Dichlorobenzene	7.94	146	53959	40.293	ng		98
13) 1,4-Dichlorobenzene	8.10	146	55727	40.631	ng		96
14) 1,2-Dichlorobenzene	8.41	146	54458	42.118	ng		98
15) Benzyl Alcohol	8.30	79	49850	47.534	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	111923	42.992	ng		99
17) 2-Methylphenol	8.50	107	46673	48.803	ng		95
18) Hexachloroethane	9.14	117	20992	41.886	ng		97
19) n-Nitroso-di-n-propylamine	8.86	70	40969	43.415	ng	#	97
20) 3+4-Methylphenols	8.82	107	63719	48.244	ng		96
22) Acetophenone	8.89	105	79603	43.402	ng		98
24) Nitrobenzene	9.28	77	63546	43.704	ng		97
25) Isophorone	9.79	82	116006	44.921	ng		99
26) 2-Nitrophenol	9.99	139	31592	42.451	ng		95
27) 2,4-Dimethylphenol	10.04	122	55404	51.947	ng		98
28) bis(2-Chloroethoxy)methane	10.28	93	66466	45.608	ng		99
29) 2,4-Dichlorophenol	10.52	162	58978	49.706	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	59547	41.548	ng		97
31) Naphthalene	10.93	128	167982	46.431	ng		98
32) Benzoic acid	10.18	122	16948	29.884	ng		93
33) 4-Chloroaniline	11.05	127	37231	23.703	ng		96
34) Hexachlorobutadiene	11.19	225	39123	40.342	ng		95
35) Caprolactam	11.82	113	21032m	42.832	ng		
36) 4-Chloro-3-methylphenol	12.15	107	63264	46.723	ng		96
37) 2-Methylnaphthalene	12.53	142	127068	49.231	ng		98
38) 1-Methylnaphthalene	12.74	142	119565	47.739	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	74256	39.729	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	88701	86.382	ng		96
43) 2,4,6-Trichlorophenol	13.13	196	51221	44.570	ng		99
44) 2,4,5-Trichlorophenol	13.20	196	56657	46.564	ng		96
46) 1,1'-Biphenyl	13.53	154	165227	39.417	ng		98
47) 2-Chloronaphthalene	13.58	162	134959	41.681	ng		96
48) 2-Nitroaniline	13.79	65	47143	45.710	ng		97
49) Acenaphthylene	14.42	152	224095	46.295	ng		98
50) Dimethylphthalate	14.15	163	184122	45.091	ng		98
51) 2,6-Dinitrotoluene	14.28	165	42213	45.618	ng		96
52) Acenaphthene	14.76	154	126462	43.691	ng		94
53) 3-Nitroaniline	14.61	138	32424	34.373	ng		97
54) 2,4-Dinitrophenol	14.82	184	49385	89.067	ng		95
55) Dibenzofuran	15.09	168	216029	43.540	ng		99
56) 4-Nitrophenol	14.91	139	71812	100.352	ng		92
57) 2,4-Dinitrotoluene	15.06	165	60906	46.731	ng		99
58) Fluorene	15.74	166	177786	48.365	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	53094	48.501	ng		98
60) Diethylphthalate	15.50	149	194801	43.457	ng		98
61) 4-Chlorophenyl-phenylether	15.73	204	100065	43.629	ng		99
62) 4-Nitroaniline	15.78	138	46297	47.673	ng		93
63) Azobenzene	16.02	77	168100	44.890	ng		97
65) 4,6-Dinitro-2-methylphenol	15.82	198	39094	41.364	ng		95
66) n-Nitrosodiphenylamine	15.95	169	163168	41.915	ng		97
67) 4-Bromophenyl-phenylether	16.62	248	67049	41.438	ng		94
68) Hexachlorobenzene	16.74	284	69304	41.318	ng		99
69) Atrazine	16.89	200	70066	48.500	ng		91
70) Pentachlorophenol	17.09	266	76548	77.157	ng		97
71) Phenanthrene	17.49	178	321988	46.866	ng		98
72) Anthracene	17.58	178	328685	48.460	ng		99
73) Carbazole	17.85	167	301503	44.948	ng		98
74) Di-n-butylphthalate	18.38	149	361208	46.929	ng		99
75) Fluoranthene	19.49	202	418490	49.231	ng		98
77) Benzidine	19.68	184	153632	36.895	ng		99
78) Pyrene	19.86	202	422779	45.452	ng		99
80) Butylbenzylphthalate	20.72	149	168702	46.423	ng		98
81) Benzo(a)anthracene	21.70	228	417315	48.641	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	118600	34.855	ng		98
83) Chrysene	21.77	228	385497	46.649	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	234950	45.586	ng		99
85) Di-n-octyl phthalate	22.80	149	403759	46.776	ng		99
86) Indeno(1,2,3-cd)pyrene	28.80	276	479334	49.337	ng	#	99
88) Benzo(b)fluoranthene	23.96	252	411395	52.781	ng		99
89) Benzo(k)fluoranthene	24.03	252	411978	53.079	ng		98
90) Benzo(a)pyrene	24.86	252	406506	54.060	ng		99
91) Dibenzo(a,h)anthracene	28.86	278	404001	53.960	ng		99
92) Benzo(g,h,i)perylene	29.99	276	400812	54.322	ng		98

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

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