Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
Data File : BG035937.D
Acq On : 27 Jul 2018 14:47
Operator : JU/SJ
Sample : PB111517BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111517BS

Manual Integrations APPROVED
Sohil
7/30/2018 2:05:26 PM

Quant Time: Jul 30 00:04:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	33717	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	129018	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	97216	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	276046	20.00	ng		0.00
75) Chrysene-d12	21.66	240	292427	20.00	ng		0.00
86) Perylene-d12	24.85	264	282273	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	255160	125.64	ng		0.00
7) Phenol-d6	7.20	99	381287	125.84	ng		0.00
23) Nitrobenzene-d5	9.19	82	240997	78.03	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	179529	140.11	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	586484	80.82	ng		0.00
78) Terphenyl-d14	20.00	244	1111510	83.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	28830	27.892	ng	#	78
3) Pyridine	3.91	79	80148	29.702	ng	#	75
4) n-Nitrosodimethylamine	3.83	42	34401	29.691	ng	#	78
6) Aniline	7.35	93	101655	25.884	ng		97
8) 2-Chlorophenol	7.59	128	81031	39.231	ng		93
9) Benzaldehyde	7.17	77	57466	30.910	ng		95
10) Phenol	7.22	94	125712	41.066	ng		94
11) bis(2-Chloroethyl)ether	7.44	93	84739	35.347	ng		88
12) 1,3-Dichlorobenzene	7.91	146	90162	36.148	ng		96
13) 1,4-Dichlorobenzene	8.06	146	92547	36.518	ng		96
14) 1,2-Dichlorobenzene	8.38	146	87672	36.011	ng		92
15) Benzyl Alcohol	8.27	79	92521	33.625	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	93038	46.290	ng		78
17) 2-Methylphenol	8.47	107	85659	41.156	ng		98
18) Hexachloroethane	9.10	117	33659	34.736	ng		96
19) n-Nitroso-di-n-propylamine	8.82	70	76898	30.138	ng	#	84
20) 3+4-Methylphenols	8.79	107	111791	38.717	ng		90
22) Acetophenone	8.85	105	143646	35.803	ng	#	90
24) Nitrobenzene	9.23	77	115017	37.031	ng		95
25) Isophorone	9.75	82	219136	38.223	ng		99
26) 2-Nitrophenol	9.94	139	48530	43.994	ng	#	88
27) 2,4-Dimethylphenol	10.00	122	85730	45.912	ng		88
28) bis(2-Chloroethoxy)methane	10.23	93	119057	37.687	ng		99
29) 2,4-Dichlorophenol	10.48	162	97363	45.679	ng		95
30) 1,2,4-Trichlorobenzene	10.69	180	107160	41.000	ng		96
31) Naphthalene	10.87	128	259519	38.615	ng		97
32) Benzoic acid	10.16	122	29722	23.645	ng		90
33) 4-Chloroaniline	10.99	127	45993	15.702	ng		95
34) Hexachlorobutadiene	11.16	225	80734	39.612	ng		96
35) Caprolactam	11.76	113	34507m	37.725	ng		
36) 4-Chloro-3-methylphenol	12.11	107	120921	42.324	ng		97
37) 2-Methylnaphthalene	12.48	142	207748	41.492	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	141444	38.548	ng		99
40) Hexachlorocyclopentadiene	12.82	237	174888	90.883	ng		94

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	93247	43.456	ng		92
43) 2,4,5-Trichlorophenol	13.17	196	100683	41.943	ng		98
45) 1,1'-Biphenyl	13.48	154	289644	38.429	ng		97
46) 2-Chloronaphthalene	13.53	162	232344	39.631	ng		98
47) 2-Nitroaniline	13.74	65	80048	38.621	ng		94
48) Acenaphthylene	14.38	152	387270	39.434	ng		99
49) Dimethylphthalate	14.11	163	328112	38.522	ng		99
50) 2,6-Dinitrotoluene	14.22	165	76480	44.094	ng	#	85
51) Acenaphthene	14.71	154	228752	37.392	ng		95
52) 3-Nitroaniline	14.56	138	44031	24.837	ng	#	92
53) 2,4-Dinitrophenol	14.76	184	69558	78.151	ng	#	67
54) Dibenzofuran	15.05	168	394599	40.557	ng		94
55) 4-Nitrophenol	14.87	139	97993	77.618	ng		89
56) 2,4-Dinitrotoluene	15.01	165	111610	44.853	ng		90
57) Fluorene	15.70	166	322049	39.493	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.27	232	108086	46.962	ng	#	90
59) Diethylphthalate	15.46	149	334037	38.140	ng		98
60) 4-Chlorophenyl-phenylether	15.69	204	186280	38.866	ng		97
61) 4-Nitroaniline	15.72	138	73507	39.639	ng		87
62) Azobenzene	15.98	77	333653	38.622	ng		95
64) 4,6-Dinitro-2-methylphenol	15.78	198	64245	41.809	ng		78
65) n-Nitrosodiphenylamine	15.90	169	294494	37.480	ng		99
66) 4-Bromophenyl-phenylether	16.58	248	128373	40.084	ng		99
67) Hexachlorobenzene	16.70	284	131350	39.826	ng		97
68) Atrazine	16.85	200	132510	40.960	ng		96
69) Pentachlorophenol	17.05	266	119140	59.308	ng		93
70) Phenanthrene	17.44	178	550138	39.940	ng		97
71) Anthracene	17.52	178	564402	41.151	ng		98
72) Carbazole	17.79	167	499706	38.364	ng		98
73) Di-n-butylphthalate	18.35	149	583021	37.878	ng	#	98
74) Fluoranthene	19.44	202	716030	38.592	ng		96
76) Benzidine	19.62	184	292725	38.076	ng		99
77) Pyrene	19.80	202	718478	38.857	ng		98
79) Butylbenzylphthalate	20.68	149	259115	39.187	ng	#	94
80) Benzo(a)anthracene	21.64	228	718939	39.452	ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	165506	26.047	ng		96
82) Chrysene	21.70	228	666279	39.455	ng		98
83) Bis(2-ethylhexyl)phthalate	21.54	149	356568	39.665	ng		99
84) Di-n-octyl phthalate	22.73	149	615806	40.913	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.49	276	759649	40.631	ng	#	89
87) Benzo(b)fluoranthene	23.84	252	687499	40.072	ng	#	96
88) Benzo(k)fluoranthene	23.90	252	647118	38.581	ng	#	97
89) Benzo(a)pyrene	24.70	252	655011	41.038	ng	#	97
90) Dibenzo(a,h)anthracene	28.56	278	634818	40.512	ng	#	95
91) Benzo(g,h,i)perylene	29.63	276	627780	40.942	ng	#	93

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

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