Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
Data File : BG045640.D
Acq On : 8 Jun 2020 12:53
Operator : CG/JU
Sample : PB129333BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB129333BSD

Manual Integrations APPROVED
mohammad
6/9/2020 12:22:20 PM

Quant Time: Jun 08 14:15:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	52793	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	217586	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	167204	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	435111	20.00	ng		0.00
76) Chrysene-d12	21.60	240	405547	20.00	ng		0.00
87) Perylene-d12	24.75	264	441220	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	401563	148.65	ng		0.00
7) Phenol-d6	7.14	99	575099	149.58	ng		0.00
23) Nitrobenzene-d5	9.11	82	369758	92.67	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	311465	145.66	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	879961	89.27	ng		0.00
79) Terphenyl-d14	19.96	244	1646985	94.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	52483	39.179	ng		95
3) Pyridine	3.80	79	116764	31.297	ng		95
4) n-Nitrosodimethylamine	3.71	42	55546	45.498	ng		92
6) Aniline	7.27	93	207737	41.389	ng		96
8) 2-Chlorophenol	7.52	128	147524	49.799	ng		97
9) Benzaldehyde	7.08	77	88722	35.417	ng		98
10) Phenol	7.16	94	198334	50.051	ng		96
11) bis(2-Chloroethyl)ether	7.36	93	133783	43.283	ng		98
12) 1,3-Dichlorobenzene	7.84	146	150444	42.260	ng		99
13) 1,4-Dichlorobenzene	7.98	146	154070	43.855	ng		98
14) 1,2-Dichlorobenzene	8.30	146	146480	43.350	ng		97
15) Benzyl Alcohol	8.19	79	151684	47.756	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	125654	42.828	ng		96
17) 2-Methylphenol	8.41	107	139708	47.103	ng		99
18) Hexachloroethane	9.03	117	58025	43.124	ng		88
19) n-Nitroso-di-n-propylamine	8.76	70	123972	46.627	ng		96
20) 3+4-Methylphenols	8.74	107	186768	46.242	ng		93
22) Acetophenone	8.77	105	229535	44.509	ng	#	98
24) Nitrobenzene	9.15	77	187579	43.879	ng		99
25) Isophorone	9.68	82	350346	44.585	ng		99
26) 2-Nitrophenol	9.87	139	86012	47.033	ng		96
27) 2,4-Dimethylphenol	9.94	122	146130	53.876	ng		97
28) bis(2-Chloroethoxy)methane	10.16	93	192376	46.682	ng		99
29) 2,4-Dichlorophenol	10.42	162	155383	48.513	ng		95
30) 1,2,4-Trichlorobenzene	10.62	180	169703	44.839	ng		96
31) Naphthalene	10.81	128	460278	45.395	ng		100
32) Benzoic acid	10.11	122	75234	42.290	ng	#	80
33) 4-Chloroaniline	10.92	127	148818	35.113	ng		98
34) Hexachlorobutadiene	11.10	225	114328	42.734	ng		98
35) Caprolactam	11.69	113	59962m	51.003	ng		
36) 4-Chloro-3-methylphenol	12.06	107	190320	52.732	ng		95
37) 2-Methylnaphthalene	12.42	142	358336	47.416	ng		96
38) 1-Methylnaphthalene	12.63	142	337726	47.309	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	203228	43.515	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	244537	90.717 ng	98
43) 2,4,6-Trichlorophenol	13.03	196	142591	43.952 ng	99
44) 2,4,5-Trichlorophenol	13.11	196	156175	42.126 ng	98
46) 1,1'-Biphenyl	13.43	154	471792	45.921 ng	100
47) 2-Chloronaphthalene	13.47	162	361039	43.275 ng	98
48) 2-Nitroaniline	13.67	65	129878	47.326 ng	92
49) Acenaphthylene	14.31	152	621173	46.354 ng	99
50) Dimethylphthalate	14.05	163	529928	46.201 ng	99
51) 2,6-Dinitrotoluene	14.17	165	119924	46.335 ng	99
52) Acenaphthene	14.66	154	365301	40.724 ng	99
53) 3-Nitroaniline	14.50	138	94676	35.984 ng	96
54) 2,4-Dinitrophenol	14.71	184	147535	86.539 ng	97
55) Dibenzofuran	14.99	168	612331	45.968 ng	97
56) 4-Nitrophenol	14.84	139	175367	88.037 ng	89
57) 2,4-Dinitrotoluene	14.96	165	176268	47.024 ng	98
58) Fluorene	15.64	166	512892	46.866 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	154582m	47.394 ng	
60) Diethylphthalate	15.41	149	564016	47.244 ng	98
61) 4-Chlorophenyl-phenylether	15.63	204	291721	46.583 ng	98
62) 4-Nitroaniline	15.67	138	126362	46.005 ng	99
63) Azobenzene	15.93	77	541832	48.674 ng	100
65) 4,6-Dinitro-2-methylphenol	15.73	198	110258	43.510 ng	94
66) n-Nitrosodiphenylamine	15.85	169	471016	45.086 ng	98
67) 4-Bromophenyl-phenylether	16.53	248	200868	42.633 ng	99
68) Hexachlorobenzene	16.66	284	221243	44.896 ng	99
69) Atrazine	16.80	200	183724	42.697 ng	99
70) Pentachlorophenol	17.00	266	229316	89.620 ng	97
71) Phenanthrene	17.39	178	864448	45.509 ng	99
72) Anthracene	17.47	178	889424	46.627 ng	98
73) Carbazole	17.75	167	822868	44.255 ng	97
74) Di-n-butylphthalate	18.31	149	994068	44.542 ng	99
75) Fluoranthene	19.39	202	1089817	45.107 ng	100
77) Benzidine	19.58	184	598187	52.519 ng	99
78) Pyrene	19.76	202	1082365	46.819 ng	99
80) Butylbenzylphthalate	20.65	149	427990	42.892 ng	98
81) Benzo(a)anthracene	21.59	228	1030216	45.602 ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	331659	37.425 ng	99
83) Chrysene	21.65	228	978317	45.036 ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	608308	44.348 ng	99
85) Di-n-octyl phthalate	22.68	149	1039843	44.139 ng	100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1269582	44.694 ng	99
88) Benzo(b)fluoranthene	23.75	252	1077047	45.516 ng	100
89) Benzo(k)fluoranthene	23.82	252	1076898	48.441 ng	100
90) Benzo(a)pyrene	24.60	252	1003313	45.526 ng	97
91) Dibenzo(a,h)anthracene	28.37	278	1033458	46.665 ng	98
92) Benzo(g,h,i)perylene	29.43	276	1062336	47.963 ng	99

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

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