Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
Data File : BG044557.D
Acq On : 21 Feb 2020 20:14
Operator : CG/JU
Sample : PB126945BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126945BS

Manual Integrations APPROVED
mohammad
2/24/2020 3:30:25 PM

Quant Time: Feb 22 06:24:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 21 16:02:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	59073	20.00	ng		0.00
21) Naphthalene-d8	10.68	136	242485	20.00	ng		0.00
39) Acenaphthene-d10	14.52	164	152505	20.00	ng		0.00
64) Phenanthrene-d10	17.27	188	377826	20.00	ng		0.00
76) Chrysene-d12	21.51	240	404286	20.00	ng		0.00
87) Perylene-d12	24.58	264	289554	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	429080	128.19	ng		0.00
7) Phenol-d6	7.05	99	584765	130.10	ng		0.00
23) Nitrobenzene-d5	9.03	82	330539	76.96	ng		0.00
42) 2,4,6-Tribromophenol	16.02	330	246965	137.94	ng		0.00
45) 2-Fluorobiphenyl	13.14	172	777609	85.38	ng		0.00
79) Terphenyl-d14	19.88	244	1362875	69.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	51933	34.533	ng		99
3) Pyridine	3.73	79	128277	32.016	ng		99
4) n-Nitrosodimethylamine	3.65	42	60892	36.369	ng		97
6) Aniline	7.20	93	107160	19.207	ng		97
8) 2-Chlorophenol	7.45	128	154537	42.009	ng		99
10) Phenol	7.08	94	194196	43.656	ng		98
11) bis(2-Chloroethyl)ether	7.30	93	142495	37.469	ng		98
12) 1,3-Dichlorobenzene	7.77	146	161202	36.702	ng		99
13) 1,4-Dichlorobenzene	7.91	146	163706	37.632	ng		97
14) 1,2-Dichlorobenzene	8.24	146	156582	38.081	ng		99
15) Benzyl Alcohol	8.12	79	127617	40.103	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.41	45	186961	36.322	ng		99
17) 2-Methylphenol	8.34	107	132504	41.749	ng		97
18) Hexachloroethane	8.96	117	59086	36.195	ng		97
19) n-Nitroso-di-n-propylamine	8.69	70	110508	36.890	ng		98
20) 3+4-Methylphenols	8.66	107	182048	41.621	ng		99
22) Acetophenone	8.70	105	217427	36.859	ng	#	99
24) Nitrobenzene	9.08	77	160009	38.160	ng		97
25) Isophorone	9.60	82	310467	38.782	ng		98
26) 2-Nitrophenol	9.79	139	89616	41.189	ng		97
27) 2,4-Dimethylphenol	9.86	122	148904	48.483	ng		98
28) bis(2-Chloroethoxy)methane	10.09	93	194977	36.510	ng		100
29) 2,4-Dichlorophenol	10.33	162	158517	42.684	ng		97
30) 1,2,4-Trichlorobenzene	10.54	180	157412	36.966	ng		99
31) Naphthalene	10.73	128	465184	39.541	ng		99
32) Benzoic acid	10.03	122	78564	41.541	ng		98
33) 4-Chloroaniline	10.84	127	107778	20.143	ng		98
34) Hexachlorobutadiene	11.03	225	92445	35.281	ng		98
35) Caprolactam	11.60	113	57851m	42.525	ng		
36) 4-Chloro-3-methylphenol	11.98	107	171495	44.045	ng		99
37) 2-Methylnaphthalene	12.34	142	348991	39.953	ng		97
38) 1-Methylnaphthalene	12.56	142	334702	40.643	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	178400	39.106	ng		100
41) Hexachlorocyclopentadiene	12.70	237	85928	39.255	ng		98

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Quant Time: Feb 22 06:24:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 21 16:02:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.95	196	127863	43.362	ng		99
44) 2,4,5-Trichlorophenol	13.04	196	139298	46.251	ng		99
46) 1,1'-Biphenyl	13.35	154	455299	41.390	ng		97
47) 2-Chloronaphthalene	13.39	162	350525	40.044	ng		98
48) 2-Nitroaniline	13.59	65	106448	41.206	ng		98
49) Acenaphthylene	14.24	152	560861	43.684	ng		98
50) Dimethylphthalate	13.98	163	471594	43.019	ng		99
51) 2,6-Dinitrotoluene	14.09	165	107236	43.872	ng		95
52) Acenaphthene	14.59	154	346328	41.616	ng		99
53) 3-Nitroaniline	14.42	138	76539	28.304	ng		97
54) 2,4-Dinitrophenol	14.63	184	116366	80.312	ng		96
55) Dibenzofuran	14.92	168	552763	43.871	ng		98
56) 4-Nitrophenol	14.75	139	191696	96.775	ng		99
57) 2,4-Dinitrotoluene	14.89	165	154253	45.026	ng		99
58) Fluorene	15.57	166	448943	45.238	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.15	232	128870	47.371	ng		97
60) Diethylphthalate	15.35	149	485420	44.439	ng		99
61) 4-Chlorophenyl-phenylether	15.56	204	229757	42.699	ng		99
62) 4-Nitroaniline	15.59	138	107254	39.692	ng		96
63) Azobenzene	15.86	77	415412	43.392	ng		99
65) 4,6-Dinitro-2-methylphenol	15.66	198	91552	43.897	ng		96
66) n-Nitrosodiphenylamine	15.78	169	421983	39.854	ng		99
67) 4-Bromophenyl-phenylether	16.46	248	157242	38.199	ng		97
68) Hexachlorobenzene	16.58	284	170307	36.929	ng		100
69) Atrazine	16.73	200	72204	19.895	ng		98
70) Pentachlorophenol	16.93	266	283202	119.810	ng		99
71) Phenanthrene	17.31	178	760427	41.563	ng		98
72) Anthracene	17.40	178	740716	40.950	ng		98
73) Carbazole	17.67	167	719583	43.153	ng		99
74) Di-n-butylphthalate	18.24	149	894538	43.410	ng		97
75) Fluoranthene	19.32	202	952388	44.999	ng		97
77) Benzidine	19.50	184	101493	9.051	ng		96
78) Pyrene	19.68	202	960369	36.989	ng		97
80) Butylbenzylphthalate	20.57	149	422903	35.743	ng		98
81) Benzo(a)anthracene	21.49	228	934548	37.507	ng		98
82) 3,3'-Dichlorobenzidine	21.41	252	282760	29.240	ng		96
83) Chrysene	21.56	228	877939	36.453	ng		97
84) Bis(2-ethylhexyl)phthalate	21.41	149	592944	36.409	ng		98
85) Di-n-octyl phthalate	22.57	149	1058924	37.580	ng		98
86) Indeno(1,2,3-cd)pyrene	28.06	276	1116959	35.548	ng	#	93
88) Benzo(b)fluoranthene	23.61	252	980818	58.784	ng		98
89) Benzo(k)fluoranthene	23.68	252	975125	59.964	ng		99
90) Benzo(a)pyrene	24.44	252	935741	59.316	ng		99
91) Dibenzo(a,h)anthracene	28.12	278	937377	60.040	ng		99
92) Benzo(g,h,i)perylene	29.15	276	948291	60.674	ng		99

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

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