Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
Data File : BG044918.D
Acq On : 20 Mar 2020 13:56
Operator : CG/JU
Sample : PB127702BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127702BS

Manual Integrations APPROVED
mohammad
3/23/2020 9:39:35 AM

Quant Time: Mar 21 01:18:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	83203	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	313049	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	219481	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	514891	20.00	ng	0.00
76) Chrysene-d12	21.70	240	482013	20.00	ng	0.00
87) Perylene-d12	24.90	264	551753	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	609041	113.95	ng	0.00
7) Phenol-d6	7.21	99	848632	109.28	ng	0.00
23) Nitrobenzene-d5	9.21	82	459004	64.34	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	356152	123.93	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1010408	65.93	ng	0.00
79) Terphenyl-d14	20.03	244	1676242	65.05	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	89183	34.650	ng	99
3) Pyridine	3.91	79	223035	29.272	ng	98
4) n-Nitrosodimethylamine	3.82	42	109751	37.963	ng	96
6) Aniline	7.37	93	288464	29.852	ng	96
8) 2-Chlorophenol	7.62	128	225576	42.278	ng	97
9) Benzaldehyde	7.18	77	100737	17.731	ng	96
10) Phenol	7.24	94	309474	40.253	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	223553	36.434	ng	96
12) 1,3-Dichlorobenzene	7.94	146	243517	37.050	ng	98
13) 1,4-Dichlorobenzene	8.08	146	250022	38.478	ng	96
14) 1,2-Dichlorobenzene	8.41	146	233129	37.830	ng	99
15) Benzyl Alcohol	8.28	79	236411	37.943	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.58	45	320740	29.621	ng	98
17) 2-Methylphenol	8.49	107	208708	40.076	ng	96
18) Hexachloroethane	9.14	117	95171	37.202	ng	94
19) n-Nitroso-di-n-propylamine	8.86	70	187332	34.163	ng	98
20) 3+4-Methylphenols	8.82	107	287400	40.033	ng	97
22) Acetophenone	8.87	105	346884	39.113	ng	98
24) Nitrobenzene	9.25	77	282041	38.102	ng	97
25) Isophorone	9.78	82	521667	37.467	ng	99
26) 2-Nitrophenol	9.96	139	117531	45.995	ng	96
27) 2,4-Dimethylphenol	10.03	122	219991	48.518	ng	94
28) bis(2-Chloroethoxy)methane	10.26	93	300587	36.175	ng	99
29) 2,4-Dichlorophenol	10.50	162	232836	43.964	ng	96
30) 1,2,4-Trichlorobenzene	10.72	180	248764	39.284	ng	95
31) Naphthalene	10.91	128	688811	39.720	ng	99
32) Benzoic acid	10.16	122	132984	39.734	ng	98
33) 4-Chloroaniline	11.01	127	172190	22.039	ng	100
34) Hexachlorobutadiene	11.21	225	166324	39.940	ng	96
35) Caprolactam	11.77	113	86414m	43.096	ng	
36) 4-Chloro-3-methylphenol	12.13	107	260982	41.319	ng	95
37) 2-Methylnaphthalene	12.51	142	516902	39.847	ng	98
38) 1-Methylnaphthalene	12.73	142	487816	40.000	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	274976	38.042	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	370365	93.758	ng		99
43) 2,4,6-Trichlorophenol	13.11	196	202686	42.253	ng		98
44) 2,4,5-Trichlorophenol	13.19	196	207391	41.688	ng		92
46) 1,1'-Biphenyl	13.52	154	640482	36.517	ng		98
47) 2-Chloronaphthalene	13.56	162	496133	37.029	ng		99
48) 2-Nitroaniline	13.75	65	176316	37.588	ng		98
49) Acenaphthylene	14.40	152	827482	39.422	ng		98
50) Dimethylphthalate	14.13	163	672837	38.490	ng		100
51) 2,6-Dinitrotoluene	14.25	165	152969	43.413	ng		99
52) Acenaphthene	14.74	154	581837	42.325	ng		98
53) 3-Nitroaniline	14.57	138	116177	28.678	ng		90
54) 2,4-Dinitrophenol	14.78	184	163140	87.708	ng		99
55) Dibenzofuran	15.08	168	788734	39.565	ng		99
56) 4-Nitrophenol	14.89	139	287810	93.092	ng		91
57) 2,4-Dinitrotoluene	15.03	165	220236	45.574	ng	#	99
58) Fluorene	15.73	166	651068	39.703	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	204629	44.678	ng		95
60) Diethylphthalate	15.50	149	686782	37.669	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	349479	39.579	ng		98
62) 4-Nitroaniline	15.74	138	157564	36.476	ng		93
63) Azobenzene	16.01	77	680900	35.963	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	117143	48.291	ng		95
66) n-Nitrosodiphenylamine	15.93	169	584241	37.689	ng		96
67) 4-Bromophenyl-phenylether	16.61	248	243277	37.794	ng		95
68) Hexachlorobenzene	16.74	284	266953	38.227	ng		97
69) Atrazine	16.88	200	255103	44.917	ng		99
70) Pentachlorophenol	17.08	266	341434	88.862	ng		98
71) Phenanthrene	17.47	178	1063061	38.636	ng		99
72) Anthracene	17.56	178	1098546	40.490	ng		100
73) Carbazole	17.82	167	1034321	39.688	ng		99
74) Di-n-butylphthalate	18.39	149	1229989	38.825	ng		99
75) Fluoranthene	19.47	202	1370839	41.843	ng		99
77) Benzidine	19.64	184	525897	33.608	ng		99
78) Pyrene	19.83	202	1365552	38.614	ng		99
80) Butylbenzylphthalate	20.73	149	584855	37.175	ng		98
81) Benzo(a)anthracene	21.67	228	1335006	38.463	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	432277	32.193	ng		99
83) Chrysene	21.74	228	1264240	38.132	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	799600	36.826	ng		99
85) Di-n-octyl phthalate	22.81	149	1392607	38.328	ng		99
86) Indeno(1,2,3-cd)pyrene	28.56	276	1699573	39.101	ng	#	98
88) Benzo(b)fluoranthene	23.89	252	1450145	39.811	ng		98
89) Benzo(k)fluoranthene	23.96	252	1378694	39.996	ng		99
90) Benzo(a)pyrene	24.76	252	1332362	39.091	ng		98
91) Dibenzo(a,h)anthracene	28.62	278	1369610	40.731	ng	#	95
92) Benzo(g,h,i)perylene	29.69	276	1422292	41.866	ng		96

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

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