Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070120\
Data File : BG045902.D
Acq On : 1 Jul 2020 12:23
Operator : CG/JU
Sample : L2810-16MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

Manual Integrations APPROVED
Sohil
7/7/2020 8:17:33 AM

Quant Time: Jul 01 14:05:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 01 13:54:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	68500	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	268520	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	193338	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	441701	20.00	ng	0.00
76) Chrysene-d12	21.52	240	402593	20.00	ng	0.00
86) Perylene-d12	24.60	264	411766	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	450020	110.98	ng	0.00
7) Phenol-d6	7.08	99	582233	94.39	ng	0.00
23) Nitrobenzene-d5	9.02	82	474813	80.78	ng	0.00
42) 2,4,6-Tribromophenol	16.02	330	344406	117.99	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	1030090	78.30	ng	0.00
79) Terphenyl-d14	19.89	244	1675562	84.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	61180	32.941	ng	# 53
3) Pyridine	3.71	79	150803	27.401	ng	97
4) n-Nitrosodimethylamine	3.61	42	76552	41.438	ng	96
6) Aniline	7.19	93	185923	25.599	ng	99
8) 2-Chlorophenol	7.44	128	191166	44.042	ng	99
9) Benzaldehyde	6.99	77	42737	11.536	ng	94
10) Phenol	7.10	94	213856	35.783	ng	96
11) bis(2-Chloroethyl)ether	7.28	93	183866	40.503	ng	98
12) 1,3-Dichlorobenzene	7.74	146	203473	39.337	ng	97
13) 1,4-Dichlorobenzene	7.89	146	205668	39.807	ng	96
14) 1,2-Dichlorobenzene	8.21	146	194636	39.350	ng	99
15) Benzyl Alcohol	8.11	79	206100	43.178	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.39	45	169442	39.604	ng	97
17) 2-Methylphenol	8.35	107	170090	38.242	ng	96
18) Hexachloroethane	8.94	117	79075	40.297	ng	95
19) n-Nitroso-di-n-propylamine	8.67	70	171619	42.321	ng	96
20) 3+4-Methylphenols	8.68	107	224844	38.438	ng	92
22) Acetophenone	8.68	105	301354	40.889	ng	99
24) Nitrobenzene	9.06	77	254535	40.614	ng	98
25) Isophorone	9.59	82	466005	40.953	ng	99
26) 2-Nitrophenol	9.78	139	112318	43.017	ng	96
27) 2,4-Dimethylphenol	9.87	122	174484	43.771	ng	99
28) bis(2-Chloroethoxy)methane	10.08	93	253361	42.626	ng	97
29) 2,4-Dichlorophenol	10.34	162	203531	43.762	ng	97
30) 1,2,4-Trichlorobenzene	10.53	180	217745	39.547	ng	98
31) Naphthalene	10.72	128	605993	41.279	ng	99
32) Benzoic acid	10.08	122	93013	38.226	ng	91
33) 4-Chloroaniline	10.83	127	92087	14.979	ng	96
34) Hexachlorobutadiene	11.00	225	152212	38.872	ng	98
35) Caprolactam	11.61	113	53260m	35.388	ng	
36) 4-Chloro-3-methylphenol	12.00	107	232732	43.340	ng	99
37) 2-Methylnaphthalene	12.33	142	460176	42.096	ng	97
38) 1-Methylnaphthalene	12.55	142	438092	42.349	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	255195	40.086	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.68	237	256038	73.568	ng		98
43) 2,4,6-Trichlorophenol	12.96	196	179623	41.615	ng		95
44) 2,4,5-Trichlorophenol	13.05	196	182803	37.160	ng		92
46) 1,1'-Biphenyl	13.35	154	575940	41.608	ng		98
47) 2-Chloronaphthalene	13.39	162	446577	39.940	ng		100
48) 2-Nitroaniline	13.60	65	154653	41.581	ng		93
49) Acenaphthylene	14.23	152	728455	40.674	ng		98
50) Dimethylphthalate	13.98	163	682971	45.092	ng		99
51) 2,6-Dinitrotoluene	14.09	165	141134	41.487	ng		96
52) Acenaphthene	14.58	154	441983	40.714	ng		98
53) 3-Nitroaniline	14.43	138	98894	29.104	ng		98
54) 2,4-Dinitrophenol	14.65	184	153502	80.989	ng		93
55) Dibenzofuran	14.92	168	721490	40.911	ng		99
56) 4-Nitrophenol	14.80	139	160828	66.755	ng		99
57) 2,4-Dinitrotoluene	14.89	165	201310	41.302	ng		98
58) Fluorene	15.57	166	605132	41.266	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	168050	39.359	ng		98
60) Diethylphthalate	15.34	149	640201	41.348	ng		99
61) 4-Chlorophenyl-phenylether	15.56	204	337025	39.875	ng		99
62) 4-Nitroaniline	15.61	138	137525	39.436	ng		93
63) Azobenzene	15.86	77	617302	41.522	ng		97
65) 4,6-Dinitro-2-methylphenol	15.66	198	120696	44.216	ng		100
66) n-Nitrosodiphenylamine	15.78	169	533899	42.675	ng		99
67) 4-Bromophenyl-phenylether	16.45	248	234133	40.795	ng		99
68) Hexachlorobenzene	16.58	284	255027	42.852	ng		98
69) Atrazine	16.74	200	185190	38.147	ng		93
70) Pentachlorophenol	16.94	266	197406	68.473	ng		98
71) Phenanthrene	17.31	178	951669	41.776	ng		99
72) Anthracene	17.40	178	960361	42.335	ng		99
73) Carbazole	17.68	167	887963	41.110	ng		99
74) Di-n-butylphthalate	18.23	149	1058611	41.392	ng		98
75) Fluoranthene	19.33	202	1148507	41.000	ng		99
77) Benzidine	19.51	184	210871	20.148	ng		97
78) Pyrene	19.69	202	1129989	41.915	ng		100
80) Butylbenzylphthalate	20.58	149	471098	41.748	ng		98
81) Benzo(a)anthracene	21.50	228	1081838	41.447	ng		99
82) 3,3'-Dichlorobenzidine	21.42	252	333770	33.806	ng		96
83) Chrysene	21.57	228	1041649	41.260	ng		98
84) Bis(2-ethylhexyl)phthalate	21.42	149	654354	41.689	ng		98
85) Di-n-octyl phthalate	22.58	149	1089935	40.257	ng		100
87) Indeno(1,2,3-cd)pyrene	28.11	276	1358004	45.492	ng	#	95
88) Benzo(b)fluoranthene	23.63	252	1146180	44.396	ng		99
89) Benzo(k)fluoranthene	23.70	252	1102539	44.620	ng		99
90) Benzo(a)pyrene	24.46	252	1033172	42.840	ng		99
91) Dibenzo(a,h)anthracene	28.16	278	1121467	46.849	ng		99
92) Benzo(g,h,i)perylene	29.20	276	1110323	46.341	ng		99

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

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