Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042720\
Data File : BG045182.D
Acq On : 27 Apr 2020 17:14
Operator : CG/JU
Sample : L2331-08MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-19AMSD

Manual Integrations APPROVED
mohammad
4/28/2020 11:08:05 PM

Quant Time: Apr 28 04:00:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 27 12:48:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	61468	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	252687	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	201025	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	495383	20.00	ng	0.00
76) Chrysene-d12	21.65	240	448174	20.00	ng	0.00
87) Perylene-d12	24.83	264	463273	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	553574	148.68	ng	0.00
7) Phenol-d6	7.16	99	742946	134.31	ng	0.00
23) Nitrobenzene-d5	9.15	82	557133	100.60	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	482060	155.22	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1339857	97.73	ng	0.00
79) Terphenyl-d14	20.00	244	2332913	113.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	76971	46.518	ng	# 65
3) Pyridine	3.86	79	159966	31.399	ng	99
4) n-Nitrosodimethylamine	3.76	42	80771	51.754	ng	91
6) Aniline	7.31	93	96547	13.424	ng	99
8) 2-Chlorophenol	7.56	128	227177	56.774	ng	98
10) Phenol	7.19	94	268122	48.437	ng	99
11) bis(2-Chloroethyl)ether	7.41	93	218141	49.496	ng	99
12) 1,3-Dichlorobenzene	7.88	146	241997	51.323	ng	97
13) 1,4-Dichlorobenzene	8.03	146	240573	51.204	ng	96
14) 1,2-Dichlorobenzene	8.35	146	231356	51.471	ng	97
15) Benzyl Alcohol	8.23	79	227512	49.055	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	197336	45.613	ng	93
17) 2-Methylphenol	8.44	107	206258	48.294	ng	97
18) Hexachloroethane	9.08	117	92298	52.256	ng	94
19) n-Nitroso-di-n-propylamine	8.80	70	194872	49.813	ng	98
20) 3+4-Methylphenols	8.77	107	284434	47.580	ng	99
22) Acetophenone	8.81	105	354070	51.815	ng	# 98
24) Nitrobenzene	9.19	77	294873	51.946	ng	99
25) Isophorone	9.72	82	574908	50.694	ng	96
26) 2-Nitrophenol	9.91	139	134701	55.089	ng	98
27) 2,4-Dimethylphenol	9.97	122	216916	55.910	ng	94
28) bis(2-Chloroethoxy)methane	10.20	93	305029	51.191	ng	98
29) 2,4-Dichlorophenol	10.45	162	250938	56.014	ng	95
30) 1,2,4-Trichlorobenzene	10.67	180	266105	52.464	ng	98
31) Naphthalene	10.85	128	722339	52.256	ng	99
32) Benzoic acid	10.12	122	148941	47.585	ng	99
33) 4-Chloroaniline	10.97	127	14856	2.304	ng	98
34) Hexachlorobutadiene	11.14	225	179904	51.732	ng	99
35) Caprolactam	11.73	113	74940m	42.031	ng	
36) 4-Chloro-3-methylphenol	12.09	107	300909	57.178	ng	99
37) 2-Methylnaphthalene	12.46	142	568606	52.995	ng	95
38) 1-Methylnaphthalene	12.68	142	550950	54.394	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	315395	48.729	ng	98
41) Hexachlorocyclopentadiene	12.82	237	437086	108.045	ng	98

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Quant Time: Apr 28 04:00:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 27 12:48:53 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.07	196	238100	52.123	ng	92
44) 2,4,5-Trichlorophenol	13.15	196	252808	48.620	ng	99
46) 1,1'-Biphenyl	13.47	154	736026	48.171	ng	99
47) 2-Chloronaphthalene	13.51	162	576393	49.370	ng	99
48) 2-Nitroaniline	13.70	65	182568	47.528	ng	96
49) Acenaphthylene	14.36	152	966966	50.848	ng	99
50) Dimethylphthalate	14.09	163	830971	50.767	ng	99
51) 2,6-Dinitrotoluene	14.20	165	190910	52.145	ng	96
52) Acenaphthene	14.70	154	766083m	59.540	ng	
53) 3-Nitroaniline	14.53	138	35420	8.821	ng	82
54) 2,4-Dinitrophenol	14.74	184	252068	115.786	ng	97
55) Dibenzofuran	15.03	168	956293	50.979	ng	96
56) 4-Nitrophenol	14.86	139	273554	87.864	ng	99
57) 2,4-Dinitrotoluene	14.99	165	269344	50.341	ng	98
58) Fluorene	15.68	166	805781	52.589	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	258439	55.860	ng	98
60) Diethylphthalate	15.46	149	864901	50.681	ng	99
61) 4-Chlorophenyl-phenylether	15.68	204	449639	50.983	ng	97
62) 4-Nitroaniline	15.70	138	141554	33.988	ng	96
63) Azobenzene	15.97	77	811661	51.587	ng	98
65) 4,6-Dinitro-2-methylphenol	15.76	198	179418	55.101	ng	97
66) n-Nitrosodiphenylamine	15.89	169	631406	44.361	ng	99
67) 4-Bromophenyl-phenylether	16.57	248	315454	49.360	ng	98
68) Hexachlorobenzene	16.69	284	336989	50.843	ng	99
69) Atrazine	16.84	200	148386	26.633	ng	98
70) Pentachlorophenol	17.04	266	417207	102.607	ng	99
71) Phenanthrene	17.42	178	1294781	50.863	ng	99
72) Anthracene	17.52	178	1336279	52.330	ng	99
73) Carbazole	17.78	167	1049898	40.515	ng	98
74) Di-n-butylphthalate	18.35	149	1481103	53.677	ng	99
75) Fluoranthene	19.43	202	1609457	55.187	ng	99
78) Pyrene	19.80	202	1600699	51.807	ng	99
80) Butylbenzylphthalate	20.68	149	651680	50.883	ng	100
81) Benzo(a)anthracene	21.63	228	1480266	50.959	ng	100
82) 3,3'-Dichlorobenzidine	21.55	252	53694	4.644	ng	92
83) Chrysene	21.69	228	1449510	51.935	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	913236	51.846	ng	99
85) Di-n-octyl phthalate	22.75	149	1541044	50.592	ng	100
86) Indeno(1,2,3-cd)pyrene	28.43	276	1868398	50.422	ng	99
88) Benzo(b)fluoranthene	23.82	252	1618533	55.775	ng	100
89) Benzo(k)fluoranthene	23.89	252	1582721	57.351	ng	98
90) Benzo(a)pyrene	24.68	252	1444485	52.721	ng	98
91) Dibenzo(a,h)anthracene	28.50	278	1557647	56.420	ng	95
92) Benzo(g,h,i)perylene	29.57	276	1498710	54.147	ng	99

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

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