Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
Data File : BG046524.D
Acq On : 3 Sep 2020 20:10
Operator : CG/JU
Sample : L3871-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-090220MSD

Manual Integrations APPROVED
mohammad
9/4/2020 1:55:01 PM

Quant Time: Sep 04 02:05:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	82942	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	326807	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	221591	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	521722	20.00	ng	0.00
76) Chrysene-d12	21.55	240	510841	20.00	ng	0.00
86) Perylene-d12	24.66	264	532396	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	540378	115.40	ng	0.00
7) Phenol-d6	7.11	99	653748	98.48	ng	0.00
23) Nitrobenzene-d5	9.09	82	498491	87.18	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	346816	115.51	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	1223461	84.29	ng	0.00
79) Terphenyl-d14	19.92	244	1899982	79.15	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	67660	34.729	ng	# 36
3) Pyridine	3.83	79	187585	32.909	ng	97
4) n-Nitrosodimethylamine	3.73	42	94967	45.172	ng	99
6) Aniline	7.25	93	232505	31.124	ng	99
8) 2-Chlorophenol	7.50	128	250497	50.612	ng	98
9) Benzaldehyde	7.06	77	138154	37.146	ng	94
10) Phenol	7.14	94	266665	43.613	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	232615	47.330	ng	99
12) 1,3-Dichlorobenzene	7.82	146	243859	38.808	ng	99
13) 1,4-Dichlorobenzene	7.96	146	245847	39.080	ng	99
14) 1,2-Dichlorobenzene	8.29	146	244612	40.552	ng	99
15) Benzyl Alcohol	8.17	79	220781	51.802	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	342947	44.986	ng	99
17) 2-Methylphenol	8.38	107	213216	49.171	ng	98
18) Hexachloroethane	9.02	117	81647	38.278	ng	97
19) n-Nitroso-di-n-propylamine	8.74	70	190456	47.963	ng	99
20) 3+4-Methylphenols	8.71	107	288307	48.170	ng	98
22) Acetophenone	8.75	105	363846	45.737	ng	99
24) Nitrobenzene	9.13	77	270905	47.957	ng	97
25) Isophorone	9.66	82	521032	49.702	ng	100
26) 2-Nitrophenol	9.84	139	149457	50.146	ng	97
27) 2,4-Dimethylphenol	9.91	122	235112	57.355	ng	95
28) bis(2-Chloroethoxy)methane	10.14	93	314370	46.592	ng	99
29) 2,4-Dichlorophenol	10.38	162	271984	49.772	ng	98
30) 1,2,4-Trichlorobenzene	10.60	180	262630	40.505	ng	98
31) Naphthalene	10.78	128	702584	44.030	ng	99
32) Benzoic acid	10.07	122	133268	44.764	ng	98
33) 4-Chloroaniline	10.89	127	80427	11.430	ng	95
34) Hexachlorobutadiene	11.07	225	163330	38.805	ng	97
35) Caprolactam	11.67	113	70591m	34.558	ng	
36) 4-Chloro-3-methylphenol	12.02	107	270523	50.615	ng	96
37) 2-Methylnaphthalene	12.39	142	566445	45.011	ng	99
38) 1-Methylnaphthalene	12.61	142	535091	44.888	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	337665	46.210	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	359761	113.226	ng		99
43) 2,4,6-Trichlorophenol	13.00	196	243237	49.327	ng		99
44) 2,4,5-Trichlorophenol	13.08	196	262216	50.611	ng		98
46) 1,1'-Biphenyl	13.39	154	742576	48.166	ng		98
47) 2-Chloronaphthalene	13.44	162	592512	45.328	ng		100
48) 2-Nitroaniline	13.64	65	172433	47.506	ng		97
49) Acenaphthylene	14.29	152	931690	46.988	ng		99
50) Dimethylphthalate	14.02	163	803781	46.886	ng		100
51) 2,6-Dinitrotoluene	14.13	165	185566	49.105	ng		98
52) Acenaphthene	14.63	154	577028	46.961	ng		98
53) 3-Nitroaniline	14.46	138	131446	32.111	ng		99
54) 2,4-Dinitrophenol	14.67	184	245137	111.131	ng		96
55) Dibenzofuran	14.96	168	920898	46.701	ng		98
56) 4-Nitrophenol	14.79	139	277188	92.010	ng		99
57) 2,4-Dinitrotoluene	14.93	165	273587	50.773	ng	#	99
58) Fluorene	15.61	166	773032	46.708	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	247777	49.249	ng		98
60) Diethylphthalate	15.38	149	781732	46.769	ng		99
61) 4-Chlorophenyl-phenylether	15.60	204	423887	46.505	ng		98
62) 4-Nitroaniline	15.63	138	180740	41.846	ng		99
63) Azobenzene	15.90	77	659388	48.497	ng		98
65) 4,6-Dinitro-2-methylphenol	15.70	198	176612	59.808	ng		99
66) n-Nitrosodiphenylamine	15.82	169	703475	49.981	ng		99
67) 4-Bromophenyl-phenylether	16.50	248	295456	48.540	ng		96
68) Hexachlorobenzene	16.62	284	316019	46.880	ng		97
69) Atrazine	16.77	200	214463	37.350	ng		99
70) Pentachlorophenol	16.97	266	384031	109.036	ng		98
71) Phenanthrene	17.35	178	1259710	47.636	ng		98
72) Anthracene	17.44	178	1291054	49.483	ng		98
73) Carbazole	17.71	167	1183941	48.061	ng		99
74) Di-n-butylphthalate	18.27	149	1338894	47.266	ng		99
75) Fluoranthene	19.36	202	1573529	46.238	ng		98
77) Benzidine	19.54	184	115195	9.704	ng		98
78) Pyrene	19.72	202	1570821	48.289	ng		98
80) Butylbenzylphthalate	20.61	149	619534	48.826	ng		96
81) Benzo(a)anthracene	21.54	228	1505960	47.297	ng		99
82) 3,3'-Dichlorobenzidine	21.45	252	419971	35.542	ng		99
83) Chrysene	21.60	228	1468096	47.933	ng		99
84) Bis(2-ethylhexyl)phthalate	21.45	149	866806	50.059	ng		99
85) Di-n-octyl phthalate	22.62	149	1531263	51.646	ng		99
87) Indeno(1,2,3-cd)pyrene	28.18	276	1932350	50.535	ng		99
88) Benzo(b)fluoranthene	23.68	252	1638740	49.295	ng		97
89) Benzo(k)fluoranthene	23.75	252	1597368	49.718	ng		97
90) Benzo(a)pyrene	24.52	252	1504678	48.501	ng		99
91) Dibenzo(a,h)anthracene	28.23	278	1582940	51.300	ng		99
92) Benzo(g,h,i)perylene	29.27	276	1611353	52.294	ng		99

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

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