Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
Data File : BG048963.D
Acq On : 15 Jun 2021 3:05
Operator : CG/JU
Sample : PB137103BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jun 15 06:27:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 16:03:10 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB137103BS

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.117	152	38661	20.00	ng		0.00
21) Naphthalene-d8	10.944	136	153055	20.00	ng	#	0.00
39) Acenaphthene-d10	14.763	164	110494	20.00	ng		0.00
64) Phenanthrene-d10	17.512	188	255877	20.00	ng	#	0.00
76) Chrysene-d12	21.807	240	252854	20.00	ng		-0.01
86) Perylene-d12	25.150	264	268205	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.673	112	337596	135.93	ng		0.00
7) Phenol-d6	7.277	99	442000	118.74	ng		0.01
23) Nitrobenzene-d5	9.287	82	311857	87.86	ng		0.00
42) 2,4,6-Tribromophenol	16.255	330	226888	138.60	ng		0.00
45) 2-Fluorobiphenyl	13.388	172	651248	83.26	ng		0.00
79) Terphenyl-d14	20.121	244	1163807	84.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.541	88	37862	31.23	ng	#	74
3) Pyridine	3.946	79	93691	28.49	ng		89
4) n-Nitrosodimethylamine	3.858	42	73537	46.69	ng	#	77
6) Aniline	7.436	93	131754	28.11	ng	#	89
8) 2-Chlorophenol	7.683	128	118546	43.31	ng		84
9) Benzaldehyde	7.248	77	102849	53.40	ng		90
10) Phenol	7.307	94	162311	42.21	ng		92
11) bis(2-Chloroethyl)ether	7.530	93	117141	41.06	ng	#	77
12) 1,3-Dichlorobenzene	8.006	146	126390	41.33	ng		98
13) 1,4-Dichlorobenzene	8.153	146	128277	42.08	ng		96
14) 1,2-Dichlorobenzene	8.476	146	126565	43.15	ng		95
15) Benzyl Alcohol	8.358	79	138968	40.76	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.646	45	215942	40.00	ng		84
17) 2-Methylphenol	8.570	107	109983	43.61	ng		96
18) Hexachloroethane	9.216	117	52832	43.20	ng		99
19) n-Nitroso-di-n-propyla...	8.928	70	107524	36.95	ng	#	97
20) 3+4-Methylphenols	8.893	107	146808	42.58	ng		96
22) Acetophenone	8.946	105	202403	43.47	ng	#	97
24) Nitrobenzene	9.334	77	166542	41.65	ng		95
25) Isophorone	9.857	82	274834	35.54	ng	#	96
26) 2-Nitrophenol	10.045	139	63951	47.15	ng	#	88
27) 2,4-Dimethylphenol	10.103	122	114281	46.47	ng		99
28) bis(2-Chloroethoxy)met...	10.338	93	154276	43.09	ng	#	93
29) 2,4-Dichlorophenol	10.591	162	121706	44.12	ng		90
30) 1,2,4-Trichlorobenzene	10.803	180	135342	42.79	ng		97
31) Naphthalene	10.996	128	370175	40.60	ng		98
32) Benzoic acid	10.250	122	78781	49.05	ng	#	73
33) 4-Chloroaniline	11.096	127	42945	11.09	ng		95
34) Hexachlorobutadiene	11.278	225	96778	42.93	ng		95
35) Caprolactam	11.878	113	39527m	49.57	ng		
36) 4-Chloro-3-methylphenol	12.224	107	141603	41.99	ng	#	90
37) 2-Methylnaphthalene	12.595	142	280192	40.68	ng		97
38) 1-Methylnaphthalene	12.812	142	252379	39.03	ng		94
40) 1,2,4,5-Tetrachloroben...	12.959	216	155422	44.30	ng		99
41) Hexachlorocyclopentadiene	12.941	237	195494	86.67	ng		92
43) 2,4,6-Trichlorophenol	13.200	196	109682	46.72	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.282	196	119774	49.34	ng		92
46) 1,1'-Biphenyl	13.599	154	345171	42.37	ng		98
47) 2-Chloronaphthalene	13.640	162	268544	41.28	ng		97
48) 2-Nitroaniline	13.834	65	113891	47.84	ng		90
49) Acenaphthylene	14.487	152	454572	41.93	ng		96
50) Dimethylphthalate	14.216	163	360733	41.91	ng		100
51) 2,6-Dinitrotoluene	14.328	165	80568	45.97	ng		93
52) Acenaphthene	14.827	154	312251m	44.69	ng		
53) 3-Nitroaniline	14.663	138	48785	27.49	ng		81
54) 2,4-Dinitrophenol	14.863	184	69370	85.44	ng		96
55) Dibenzofuran	15.162	168	441204	40.62	ng		99
56) 4-Nitrophenol	14.980	139	133507	92.28	ng		87
57) 2,4-Dinitrotoluene	15.115	165	118019	54.82	ng		97
58) Fluorene	15.809	166	368217	41.46	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.385	232	110065	44.79	ng	#	98
60) Diethylphthalate	15.579	149	394240	42.29	ng		98
61) 4-Chlorophenyl-phenyle...	15.803	204	204217	43.98	ng		94
62) 4-Nitroaniline	15.826	138	80447	44.83	ng	#	85
63) Azobenzene	16.096	77	413465	38.76	ng		89
65) 4,6-Dinitro-2-methylph...	15.879	198	53917	44.44	ng		91
66) n-Nitrosodiphenylamine	16.014	169	319410	40.06	ng		95
67) 4-Bromophenyl-phenylether	16.696	248	135233	42.33	ng		96
68) Hexachlorobenzene	16.813	284	151385	43.72	ng		99
69) Atrazine	16.960	200	139093	54.34	ng		96
70) Pentachlorophenol	17.160	266	184632	88.72	ng		95
71) Phenanthrene	17.554	178	602795	41.87	ng		98
72) Anthracene	17.648	178	611610	42.27	ng		97
73) Carbazole	17.912	167	561770	40.51	ng		98
74) Di-n-butylphthalate	18.470	149	695531	44.72	ng		97
75) Fluoranthene	19.563	202	745787	42.96	ng		98
77) Benzidine	19.739	184	426813	83.79	ng		96
78) Pyrene	19.921	202	751308	40.94	ng		96
80) Butylbenzylphthalate	20.809	149	303484	43.83	ng		98
81) Benzo(a)anthracene	21.790	228	743891	40.97	ng		98
82) 3,3'-Dichlorobenzidine	21.696	252	184511	31.78	ng		99
83) Chrysene	21.854	228	721456	41.45	ng		96
84) Bis(2-ethylhexyl)phtha...	21.690	149	440922	44.67	ng		95
85) Di-n-octyl phthalate	22.953	149	742883	44.38	ng		96
87) Indeno(1,2,3-cd)pyrene	28.975	276	902533	44.71	ng	#	93
88) Benzo(b)fluoranthene	24.087	252	790524	41.35	ng	#	95
89) Benzo(k)fluoranthene	24.158	252	761885	42.00	ng	#	99
90) Benzo(a)pyrene	24.986	252	767942	44.00	ng	#	97
91) Dibenzo(a,h)anthracene	29.052	278	742521	44.02	ng	#	96
92) Benzo(g,h,i)perylene	30.174	276	750645	44.13	ng		99

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

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