Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100920\
Data File : BG046829.D
Acq On : 9 Oct 2020 11:42
Operator : CG/JU
Sample : PB132096BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB132096BS

Manual Integrations APPROVED
mohammad
10/13/2020 11:07:34 AM

Quant Time: Oct 09 12:38:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 11:38:17 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.108	152	66417	20.00	ng		0.00
21) Naphthalene-d8	10.916	136	234005	20.00	ng		# 0.00
39) Acenaphthene-d10	14.730	164	163302	20.00	ng		0.00
64) Phenanthrene-d10	17.473	188	403289	20.00	ng		# 0.00
76) Chrysene-d12	21.751	240	474501	20.00	ng		# 0.00
86) Perylene-d12	25.012	264	489492	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.670	112	324577	78.29	ng		0.00
7) Phenol-d6	7.256	99	425580	72.77	ng		0.00
23) Nitrobenzene-d5	9.271	82	413923	94.10	ng		0.00
42) 2,4,6-Tribromophenol	16.216	330	201765	93.70	ng		0.00
45) 2-Fluorobiphenyl	13.355	172	932111	80.81	ng		0.00
79) Terphenyl-d14	20.076	244	1889825	79.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.560	88	55061	28.46	ng	#	92
3) Pyridine	3.954	79	167927	30.69	ng		96
4) n-Nitrosodimethylamine	3.866	42	99271	34.66	ng	#	73
6) Aniline	7.426	93	202297	28.62	ng		96
8) 2-Chlorophenol	7.667	128	165659	40.10	ng		90
9) Benzaldehyde	7.238	77	52034	11.72	ng		90
10) Phenol	7.285	94	222460	38.22	ng		81
11) bis(2-Chloroethyl)ether	7.520	93	157172	34.94	ng		94
12) 1,3-Dichlorobenzene	7.996	146	192980	36.17	ng	#	89
13) 1,4-Dichlorobenzene	8.143	146	194259	36.74	ng		96
14) 1,2-Dichlorobenzene	8.460	146	181492	36.81	ng		94
15) Benzyl Alcohol	8.337	79	175954	36.60	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.637	45	229237	29.04	ng		97
17) 2-Methylphenol	8.537	107	144760	38.73	ng	#	89
18) Hexachloroethane	9.195	117	70609	35.40	ng		92
19) n-Nitroso-di-n-propyla...	8.907	70	132710	33.09	ng		96
20) 3+4-Methylphenols	8.866	107	197515	38.77	ng		90
22) Acetophenone	8.925	105	256654	37.76	ng	#	92
24) Nitrobenzene	9.312	77	209426	43.62	ng	#	88
25) Isophorone	9.829	82	357913	37.28	ng		93
26) 2-Nitrophenol	10.023	139	92664	53.39	ng	#	73
27) 2,4-Dimethylphenol	10.076	122	155173	44.73	ng		89
28) bis(2-Chloroethoxy)met...	10.311	93	209394	35.35	ng		99
29) 2,4-Dichlorophenol	10.558	162	178529	42.78	ng		98
30) 1,2,4-Trichlorobenzene	10.775	180	197291	39.60	ng		99
31) Naphthalene	10.969	128	508988	40.10	ng		99
32) Benzoic acid	10.194	122	111762	46.41	ng		83
33) 4-Chloroaniline	11.063	127	149971	26.67	ng	#	93
34) Hexachlorobutadiene	11.251	225	141436	38.72	ng		96
35) Caprolactam	11.833	113	57834m	40.91	ng		
36) 4-Chloro-3-methylphenol	12.180	107	186138	41.48	ng		88
37) 2-Methylnaphthalene	12.567	142	376306	39.99	ng	#	93
38) 1-Methylnaphthalene	12.785	142	345526m	39.56	ng		
40) 1,2,4,5-Tetrachloroben...	12.926	216	238822	40.68	ng	#	95
41) Hexachlorocyclopentadiene	12.908	237	313541	91.82	ng		99
43) 2,4,6-Trichlorophenol	13.161	196	163228	44.21	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.237	196	168855	45.45	ng	#	97
46) 1,1'-Biphenyl	13.566	154	503246	40.08	ng		94
47) 2-Chloronaphthalene	13.607	162	389811	38.21	ng		97
48) 2-Nitroaniline	13.801	65	135525	50.04	ng	#	80
49) Acenaphthylene	14.453	152	598499	39.86	ng		98
50) Dimethylphthalate	14.177	163	512753	39.31	ng		99
51) 2,6-Dinitrotoluene	14.295	165	116203	54.82	ng	#	70
52) Acenaphthene	14.794	154	460632	45.17	ng		95
53) 3-Nitroaniline	14.624	138	94192	39.32	ng	#	78
54) 2,4-Dinitrophenol	14.829	184	134901	116.52	ng	#	76
55) Dibenzofuran	15.129	168	620126	40.28	ng		96
56) 4-Nitrophenol	14.923	139	205191	104.00	ng	#	59
57) 2,4-Dinitrotoluene	15.076	165	168944	60.18	ng	#	78
58) Fluorene	15.775	166	512883	41.60	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.346	232	174634	47.02	ng	#	95
60) Diethylphthalate	15.540	149	510599	38.93	ng		98
61) 4-Chlorophenyl-phenyle...	15.764	204	290742	41.31	ng		98
62) 4-Nitroaniline	15.787	138	121124	45.54	ng	#	62
63) Azobenzene	16.057	77	489940	38.01	ng		92
65) 4,6-Dinitro-2-methylph...	15.846	198	106349	63.53	ng		93
66) n-Nitrosodiphenylamine	15.975	169	479192	39.55	ng		99
67) 4-Bromophenyl-phenylether	16.657	248	201854	39.61	ng		95
68) Hexachlorobenzene	16.780	284	212963	38.84	ng		93
69) Atrazine	16.921	200	154005	31.64	ng		98
70) Pentachlorophenol	17.121	266	299555	94.65	ng		96
71) Phenanthrene	17.515	178	893419	40.80	ng		97
72) Anthracene	17.609	178	915424	42.37	ng		98
73) Carbazole	17.873	167	825466	41.98	ng		98
74) Di-n-butylphthalate	18.425	149	920570	38.09	ng	#	98
75) Fluoranthene	19.518	202	1209723	43.38	ng		97
77) Benzidine	19.694	184	506563	34.63	ng		99
78) Pyrene	19.876	202	1210259	39.68	ng		98
80) Butylbenzylphthalate	20.758	149	460955	39.11	ng		91
81) Benzo(a)anthracene	21.727	228	1263638	39.89	ng		100
82) 3,3'-Dichlorobenzidine	21.639	252	390545	31.76	ng	#	97
83) Chrysene	21.792	228	1210573	39.99	ng		99
84) Bis(2-ethylhexyl)phtha...	21.627	149	664261	38.37	ng		95
85) Di-n-octyl phthalate	22.861	149	1136667	38.18	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.743	276	1479764	40.86	ng	#	85
88) Benzo(b)fluoranthene	23.978	252	1346387	41.97	ng	#	98
89) Benzo(k)fluoranthene	24.048	252	1245685	40.39	ng	#	97
90) Benzo(a)pyrene	24.865	252	1205138	39.92	ng	#	98
91) Dibenzo(a,h)anthracene	28.819	278	1216015	41.05	ng	#	95
92) Benzo(g,h,i)perylene	29.918	276	1206000	41.63	ng	#	96

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

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