Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101121\
Data File : BG050534.D
Acq On : 11 Oct 2021 12:45
Operator : CG/JU
Sample : PB139740BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB139740BSD

Manual Integrations APPROVED

mohammad
10/12/2021 11:37:58 AM

Quant Time: Oct 11 14:07:54 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 15:51:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.265	152	42809	20.00	ng		# 0.00
21) Naphthalene-d8	11.085	136	191966	20.00	ng		# 0.00
39) Acenaphthene-d10	14.881	164	133102	20.00	ng		0.00
64) Phenanthrene-d10	17.625	188	306869	20.00	ng		# 0.00
76) Chrysene-d12	21.926	240	262204	20.00	ng		# 0.00
86) Perylene-d12	25.345	264	264849	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.798	112	382199	133.52	ng		0.00
7) Phenol-d6	7.402	99	518900	125.21	ng		0.00
23) Nitrobenzene-d5	9.434	82	358327	77.27	ng		0.00
42) 2,4,6-Tribromophenol	16.368	330	154196	121.46	ng		0.00
45) 2-Fluorobiphenyl	13.506	172	666139	75.32	ng		0.00
79) Terphenyl-d14	20.210	244	1090491	81.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.653	88	45421	30.64	ng		92
3) Pyridine	4.058	79	109071	26.93	ng	#	94
4) n-Nitrosodimethylamine	3.970	42	79600	41.71	ng	#	51
6) Aniline	7.578	93	203812	42.33	ng	#	91
8) 2-Chlorophenol	7.819	128	137399	49.85	ng		86
9) Benzaldehyde	7.390	77	108724	41.84	ng		92
10) Phenol	7.431	94	194888	48.36	ng		84
11) bis(2-Chloroethyl)ether	7.672	93	137916	43.85	ng		86
12) 1,3-Dichlorobenzene	8.148	146	136026	42.76	ng		98
13) 1,4-Dichlorobenzene	8.295	146	137704	42.93	ng		96
14) 1,2-Dichlorobenzene	8.618	146	134788	44.00	ng		94
15) Benzyl Alcohol	8.494	79	159705	48.76	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.782	45	227575	44.37	ng		86
17) 2-Methylphenol	8.694	107	132902	50.13	ng		91
18) Hexachloroethane	9.352	117	53242	43.86	ng		91
19) n-Nitroso-di-n-propyla...	9.064	70	133626	44.24	ng	#	91
20) 3+4-Methylphenols	9.023	107	181221	48.56	ng		98
22) Acetophenone	9.088	105	220289	40.36	ng	#	97
24) Nitrobenzene	9.476	77	193623	41.99	ng		96
25) Isophorone	9.999	82	345307	41.98	ng	#	95
26) 2-Nitrophenol	10.192	139	76298	45.06	ng		93
27) 2,4-Dimethylphenol	10.234	122	143961	49.21	ng		94
28) bis(2-Chloroethoxy)met...	10.474	93	190975	40.61	ng		94
29) 2,4-Dichlorophenol	10.727	162	136764	45.87	ng		97
30) 1,2,4-Trichlorobenzene	10.944	180	136039	40.17	ng		94
31) Naphthalene	11.138	128	429394	41.79	ng		98
32) Benzoic acid	10.363	122	78633	36.22	ng	#	72
33) 4-Chloroaniline	11.238	127	116439	27.01	ng		97
34) Hexachlorobutadiene	11.409	225	83903	39.46	ng		95
35) Caprolactam	12.014	113	54109m	47.42	ng		
36) 4-Chloro-3-methylphenol	12.337	107	170202	45.67	ng	#	89
37) 2-Methylnaphthalene	12.725	142	310324	43.77	ng		94
38) 1-Methylnaphthalene	12.942	142	286489	41.67	ng		92
40) 1,2,4,5-Tetrachloroben...	13.083	216	153649	39.09	ng		97
41) Hexachlorocyclopentadiene	13.060	237	200072	88.07	ng		90
43) 2,4,6-Trichlorophenol	13.318	196	114626	41.38	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.389	196	127830	44.14	ng		89
46) 1,1'-Biphenyl	13.718	154	387660	39.93	ng		96
47) 2-Chloronaphthalene	13.765	162	304658	40.87	ng		98
48) 2-Nitroaniline	13.964	65	138550	46.72	ng		95
49) Acenaphthylene	14.611	152	518133	42.42	ng		97
50) Dimethylphthalate	14.329	163	425365	42.28	ng		99
51) 2,6-Dinitrotoluene	14.452	165	92669	45.99	ng		91
52) Acenaphthene	14.946	154	365431m	46.56	ng		
53) 3-Nitroaniline	14.781	138	84445	35.43	ng		88
54) 2,4-Dinitrophenol	14.987	184	103929	83.14	ng		89
55) Dibenzofuran	15.281	168	494987	40.78	ng		96
56) 4-Nitrophenol	15.075	139	172894	90.17	ng	#	83
57) 2,4-Dinitrotoluene	15.234	165	135489	47.70	ng		96
58) Fluorene	15.927	166	396034	42.47	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.498	232	107560	42.64	ng		95
60) Diethylphthalate	15.680	149	455957	43.13	ng		98
61) 4-Chlorophenyl-phenyle...	15.909	204	209471	41.06	ng		96
62) 4-Nitroaniline	15.944	138	107621	43.40	ng	#	68
63) Azobenzene	16.203	77	509307	41.62	ng		83
65) 4,6-Dinitro-2-methylph...	15.997	198	71289	38.68	ng		91
66) n-Nitrosodiphenylamine	16.127	169	368304	42.24	ng		97
67) 4-Bromophenyl-phenylether	16.802	248	130460	42.19	ng		98
68) Hexachlorobenzene	16.926	284	131991	42.95	ng		93
69) Atrazine	17.067	200	151317	44.05	ng		97
70) Pentachlorophenol	17.266	266	171205	81.83	ng		97
71) Phenanthrene	17.666	178	682634	42.21	ng		98
72) Anthracene	17.760	178	696993	43.37	ng		97
73) Carbazole	18.024	167	648420	40.49	ng		97
74) Di-n-butylphthalate	18.559	149	797775	42.45	ng		97
75) Fluoranthene	19.664	202	820625	41.28	ng		96
77) Benzidine	19.834	184	410512	48.30	ng		97
78) Pyrene	20.028	202	813687	43.74	ng		97
80) Butylbenzylphthalate	20.898	149	342594	43.54	ng		97
81) Benzo(a)anthracene	21.908	228	727830	41.95	ng		99
82) 3,3'-Dichlorobenzidine	21.814	252	208357	36.24	ng	#	97
83) Chrysene	21.979	228	697032	42.71	ng		95
84) Bis(2-ethylhexyl)phtha...	21.785	149	499086	44.64	ng	#	96
85) Di-n-octyl phthalate	23.066	149	836756	44.87	ng		96
87) Indeno(1,2,3-cd)pyrene	29.288	276	800276	43.38	ng	#	94
88) Benzo(b)fluoranthene	24.258	252	747446	46.08	ng	#	91
89) Benzo(k)fluoranthene	24.329	252	689884	43.23	ng	#	96
90) Benzo(a)pyrene	25.187	252	715601	51.89	ng	#	95
91) Dibenzo(a,h)anthracene	29.352	278	676112	44.31	ng	#	93
92) Benzo(g,h,i)perylene	30.516	276	665756	44.55	ng	#	91

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

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