Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081321\
Data File : BG049833.D
Acq On : 13 Aug 2021 13:33
Operator : CG/JU
Sample : PB138328BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB138328BSD

Manual Integrations APPROVED
mohammad
8/16/2021 12:21:44 PM

Quant Time: Aug 13 15:03:44 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:15:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.034	152	23249	20.000	ng		0.00
21) Naphthalene-d8	10.860	136	101645	20.000	ng		0.00
39) Acenaphthene-d10	14.690	164	77495	20.000	ng		0.00
64) Phenanthrene-d10	17.445	188	186194	20.000	ng	#	0.00
76) Chrysene-d12	21.728	240	165572	20.000	ng		0.00
86) Perylene-d12	25.006	264	170494	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.585	112	187828	144.824	ng		0.00
7) Phenol-d6	7.200	99	257391	131.106	ng		0.00
23) Nitrobenzene-d5	9.209	82	176627	76.895	ng		0.00
42) 2,4,6-Tribromophenol	16.188	330	150874	132.453	ng		0.00
45) 2-Fluorobiphenyl	13.310	172	397078	74.557	ng		0.00
79) Terphenyl-d14	20.053	244	810075	88.859	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.435	88	18273	32.242	ng		95
3) Pyridine	3.846	79	44628	28.727	ng		87
4) n-Nitrosodimethylamine	3.764	42	35642	42.666	ng	#	73
6) Aniline	7.353	93	78913	37.926	ng	#	91
8) 2-Chlorophenol	7.600	128	67696	47.875	ng		99
9) Benzaldehyde	7.165	77	47463	36.232	ng		89
10) Phenol	7.230	94	93085	48.934	ng		95
11) bis(2-Chloroethyl)ether	7.447	93	57643	44.879	ng		84
12) 1,3-Dichlorobenzene	7.923	146	69931	43.182	ng		96
13) 1,4-Dichlorobenzene	8.070	146	69552	42.429	ng		98
14) 1,2-Dichlorobenzene	8.393	146	69066	44.474	ng		93
15) Benzyl Alcohol	8.275	79	79381	48.146	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.563	45	63520	43.524	ng		97
17) 2-Methylphenol	8.487	107	63639	50.803	ng		97
18) Hexachloroethane	9.121	117	28979	45.987	ng		97
19) n-Nitroso-di-n-propyla...	8.845	70	57990	44.140	ng		89
20) 3+4-Methylphenols	8.816	107	88350	50.220	ng		96
22) Acetophenone	8.863	105	116980	42.361	ng	#	94
24) Nitrobenzene	9.250	77	93533	38.589	ng		98
25) Isophorone	9.773	82	157458	38.415	ng		95
26) 2-Nitrophenol	9.967	139	39441	42.639	ng		98
27) 2,4-Dimethylphenol	10.020	122	67148	49.115	ng		99
28) bis(2-Chloroethoxy)met...	10.255	93	81839	45.643	ng		92
29) 2,4-Dichlorophenol	10.508	162	73852	44.020	ng		94
30) 1,2,4-Trichlorobenzene	10.719	180	76111	41.202	ng		98
31) Naphthalene	10.907	128	218484	41.043	ng		98
32) Benzoic acid	10.190	122	33729	36.283	ng		88
33) 4-Chloroaniline	11.019	127	41450	19.723	ng		94
34) Hexachlorobutadiene	11.189	225	53333	39.730	ng		98
35) Caprolactam	11.794	113	26321m	50.777	ng		
36) 4-Chloro-3-methylphenol	12.152	107	89877	46.378	ng		96
37) 2-Methylnaphthalene	12.517	142	168417	41.998	ng		99
38) 1-Methylnaphthalene	12.740	142	156566	41.542	ng		91
40) 1,2,4,5-Tetrachloroben...	12.887	216	90235	39.518	ng		98
41) Hexachlorocyclopentadiene	12.857	237	102658	83.366	ng		92
43) 2,4,6-Trichlorophenol	13.128	196	64090	41.634	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.204	196	72960	43.688	ng		92
46) 1,1'-Biphenyl	13.521	154	211615	38.340	ng		98
47) 2-Chloronaphthalene	13.568	162	175295	39.764	ng		95
48) 2-Nitroaniline	13.774	65	69731	43.077	ng		95
49) Acenaphthylene	14.414	152	291479	41.717	ng		95
50) Dimethylphthalate	14.138	163	252374	43.164	ng		100
51) 2,6-Dinitrotoluene	14.267	165	54806	42.573	ng		86
52) Acenaphthene	14.755	154	166654	39.595	ng		92
53) 3-Nitroaniline	14.596	138	31399	25.011	ng		98
54) 2,4-Dinitrophenol	14.813	184	69829	95.547	ng		96
55) Dibenzofuran	15.090	168	276026	40.425	ng		95
56) 4-Nitrophenol	14.919	139	89009	97.048	ng		95
57) 2,4-Dinitrotoluene	15.060	165	83547	46.207	ng		94
58) Fluorene	15.742	166	231042	41.630	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.325	232	69880m	45.052	ng		
60) Diethylphthalate	15.501	149	265779	45.197	ng		99
61) 4-Chlorophenyl-phenyle...	15.730	204	125268	42.289	ng		96
62) 4-Nitroaniline	15.765	138	55732	43.157	ng		95
63) Azobenzene	16.024	77	250015	40.169	ng		90
65) 4,6-Dinitro-2-methylph...	15.830	198	47709	39.863	ng		88
66) n-Nitrosodiphenylamine	15.947	169	208318	39.597	ng		97
67) 4-Bromophenyl-phenylether	16.623	248	86761	39.565	ng		96
68) Hexachlorobenzene	16.752	284	99429	40.812	ng		97
69) Atrazine	16.893	200	97625	46.389	ng		97
70) Pentachlorophenol	17.099	266	106945	81.864	ng		98
71) Phenanthrene	17.486	178	404950	41.339	ng		97
72) Anthracene	17.580	178	404987	42.096	ng		98
73) Carbazole	17.851	167	379054	41.601	ng		97
74) Di-n-butylphthalate	18.397	149	474758	44.697	ng		98
75) Fluoranthene	19.501	202	516656	42.860	ng		98
77) Benzidine	19.672	184	206777	48.742	ng		97
78) Pyrene	19.860	202	509841	45.167	ng		98
80) Butylbenzylphthalate	20.735	149	197600	45.965	ng		95
81) Benzo(a)anthracene	21.710	228	462638	42.906	ng		99
82) 3,3'-Dichlorobenzidine	21.616	252	107386	34.109	ng		98
83) Chrysene	21.775	228	439313	42.622	ng		99
84) Bis(2-ethylhexyl)phtha...	21.598	149	267422	43.946	ng		95
85) Di-n-octyl phthalate	22.826	149	447457	43.527	ng		98
87) Indeno(1,2,3-cd)pyrene	28.777	276	532483	43.306	ng	#	98
88) Benzo(b)fluoranthene	23.966	252	479443	42.877	ng	#	97
89) Benzo(k)fluoranthene	24.036	252	449460	43.092	ng	#	98
90) Benzo(a)pyrene	24.853	252	461578	45.613	ng	#	98
91) Dibenzo(a,h)anthracene	28.836	278	456345	44.044	ng	#	95
92) Benzo(g,h,i)perylene	29.964	276	445777	43.915	ng		98

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

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