Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082521\
Data File : BG049968.D
Acq On : 25 Aug 2021 14:34
Operator : CG/JU
Sample : PB138714BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB138714BSD

Manual Integrations APPROVED
mohammad
8/26/2021 11:38:40 AM

Quant Time: Aug 25 16:58:19 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 16:13:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.975	152	30291	20.000	ng		-0.01
21) Naphthalene-d8	10.801	136	123957	20.000	ng		#-0.01
39) Acenaphthene-d10	14.637	164	89550	20.000	ng		-0.01
64) Phenanthrene-d10	17.392	188	194413	20.000	ng		#-0.01
76) Chrysene-d12	21.674	240	167048	20.000	ng		0.00
86) Perylene-d12	24.905	264	163887	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.531	112	231351	136.913	ng		0.00
7) Phenol-d6	7.153	99	320499	125.299	ng		0.00
23) Nitrobenzene-d5	9.150	82	217996	77.822	ng		-0.01
42) 2,4,6-Tribromophenol	16.141	330	165709	125.893	ng		0.00
45) 2-Fluorobiphenyl	13.256	172	481404	78.222	ng		0.00
79) Terphenyl-d14	20.006	244	814055	88.507	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	21173	28.674	ng		99
3) Pyridine	3.775	79	52109	25.744	ng		89
4) n-Nitrosodimethylamine	3.693	42	39633	36.414	ng	#	58
6) Aniline	7.294	93	100561	37.095	ng		96
8) 2-Chlorophenol	7.546	128	87993	47.762	ng		99
9) Benzaldehyde	7.106	77	55440	32.483	ng		88
10) Phenol	7.182	94	110633	44.638	ng		92
11) bis(2-Chloroethyl)ether	7.394	93	72883	43.553	ng		86
12) 1,3-Dichlorobenzene	7.864	146	87775	41.600	ng		96
13) 1,4-Dichlorobenzene	8.010	146	91243	42.721	ng		98
14) 1,2-Dichlorobenzene	8.333	146	87905	43.446	ng		97
15) Benzyl Alcohol	8.222	79	96428	44.889	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.504	45	80176	42.166	ng		92
17) 2-Methylphenol	8.433	107	79000	48.404	ng		97
18) Hexachloroethane	9.062	117	36261	44.166	ng		99
19) n-Nitroso-di-n-propyla...	8.786	70	69804	40.781	ng		90
20) 3+4-Methylphenols	8.762	107	107254	46.792	ng		94
22) Acetophenone	8.809	105	141153	41.914	ng	#	91
24) Nitrobenzene	9.191	77	112305	37.994	ng	#	90
25) Isophorone	9.714	82	186790	37.368	ng		97
26) 2-Nitrophenol	9.908	139	48091	42.632	ng		94
27) 2,4-Dimethylphenol	9.972	122	80893	48.519	ng		97
28) bis(2-Chloroethoxy)met...	10.196	93	102581	46.913	ng	#	91
29) 2,4-Dichlorophenol	10.454	162	91531	44.737	ng		95
30) 1,2,4-Trichlorobenzene	10.660	180	95102	42.216	ng		99
31) Naphthalene	10.848	128	265589	40.911	ng		97
32) Benzoic acid	10.143	122	37850	33.782	ng		83
33) 4-Chloroaniline	10.959	127	55776	21.763	ng		96
34) Hexachlorobutadiene	11.130	225	66898	40.865	ng		95
35) Caprolactam	11.752	113	28253m	44.693	ng		
36) 4-Chloro-3-methylphenol	12.105	107	110403	46.716	ng		91
37) 2-Methylnaphthalene	12.457	142	204256	41.767	ng		97
38) 1-Methylnaphthalene	12.681	142	188600m	41.034	ng		
40) 1,2,4,5-Tetrachloroben...	12.833	216	111128	42.117	ng		98
41) Hexachlorocyclopentadiene	12.804	237	95947	68.104	ng		90
43) 2,4,6-Trichlorophenol	13.074	196	76050	42.753	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.156	196	78549	40.703	ng		93
46) 1,1'-Biphenyl	13.468	154	254399	39.887	ng		99
47) 2-Chloronaphthalene	13.515	162	208160	40.862	ng		99
48) 2-Nitroaniline	13.720	65	74513	39.835	ng	#	89
49) Acenaphthylene	14.361	152	336608	41.690	ng		97
50) Dimethylphthalate	14.090	163	285669	42.281	ng		98
51) 2,6-Dinitrotoluene	14.214	165	60619	40.750	ng		92
52) Acenaphthene	14.701	154	197858	40.680	ng		97
53) 3-Nitroaniline	14.549	138	38888	26.806	ng		94
54) 2,4-Dinitrophenol	14.772	184	71014	84.088	ng		91
55) Dibenzofuran	15.042	168	312498	39.605	ng		99
56) 4-Nitrophenol	14.883	139	81744	77.129	ng		92
57) 2,4-Dinitrotoluene	15.013	165	90311	43.224	ng		94
58) Fluorene	15.688	166	260634	40.640	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.277	232	70730	39.462	ng	#	98
60) Diethylphthalate	15.453	149	287550	42.316	ng		97
61) 4-Chlorophenyl-phenyle...	15.676	204	142051	41.500	ng		97
62) 4-Nitroaniline	15.718	138	62016	41.559	ng		90
63) Azobenzene	15.970	77	271418	37.737	ng		86
65) 4,6-Dinitro-2-methylph...	15.782	198	48105	38.495	ng		91
66) n-Nitrosodiphenylamine	15.894	169	233102	42.434	ng		98
67) 4-Bromophenyl-phenylether	16.575	248	99963	43.658	ng		92
68) Hexachlorobenzene	16.699	284	109083	42.881	ng		96
69) Atrazine	16.845	200	105219	47.884	ng		99
70) Pentachlorophenol	17.051	266	86729	63.582	ng		97
71) Phenanthrene	17.439	178	429255	41.967	ng		98
72) Anthracene	17.527	178	436972	43.500	ng		98
73) Carbazole	17.803	167	393273	41.337	ng		98
74) Di-n-butylphthalate	18.343	149	490304	44.209	ng		98
75) Fluoranthene	19.448	202	522165	41.486	ng		97
77) Benzidine	19.624	184	230696	53.899	ng		99
78) Pyrene	19.812	202	512425	44.995	ng		97
80) Butylbenzylphthalate	20.687	149	194981	44.955	ng		99
81) Benzo(a)anthracene	21.651	228	460290	42.311	ng		99
82) 3,3'-Dichlorobenzidine	21.563	252	113333	35.680	ng		97
83) Chrysene	21.721	228	442231	42.526	ng		99
84) Bis(2-ethylhexyl)phtha...	21.539	149	265127	43.184	ng		95
85) Di-n-octyl phthalate	22.749	149	430732	41.530	ng		98
87) Indeno(1,2,3-cd)pyrene	28.624	276	518051	43.831	ng	#	96
88) Benzo(b)fluoranthene	23.877	252	460504	42.843	ng	#	98
89) Benzo(k)fluoranthene	23.948	252	441528m	44.039	ng		
90) Benzo(a)pyrene	24.758	252	438734	45.103	ng		98
91) Dibenzo(a,h)anthracene	28.682	278	443194	44.499	ng	#	94
92) Benzo(g,h,i)perylene	29.793	276	432042	44.278	ng		100

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

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