Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062421\
Data File : BG049079.D
Acq On : 24 Jun 2021 14:39
Operator : CG/JU
Sample : PB137320BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB137320BS

Manual Integrations APPROVED
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6/25/2021 1:09:25 PM

Quant Time: Jun 24 15:15:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 11:02:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.104	152	34494	20.000	ng		0.00
21) Naphthalene-d8	10.925	136	141109	20.000	ng		#-0.02
39) Acenaphthene-d10	14.749	164	99698	20.000	ng		0.00
64) Phenanthrene-d10	17.493	188	240810	20.000	ng		#-0.02
76) Chrysene-d12	21.788	240	256772	20.000	ng		0.00
86) Perylene-d12	25.102	264	258337	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.660	112	297183	134.116	ng		0.00
7) Phenol-d6	7.264	99	382284	115.105	ng		0.00
23) Nitrobenzene-d5	9.274	82	275321	84.132	ng		0.00
42) 2,4,6-Tribromophenol	16.236	330	214578	145.271	ng		0.00
45) 2-Fluorobiphenyl	13.369	172	589670	83.553	ng		-0.02
79) Terphenyl-d14	20.102	244	1141903	81.446	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.533	88	29704	27.459	ng	#	75
3) Pyridine	3.933	79	80471	27.422	ng		95
4) n-Nitrosodimethylamine	3.850	42	63303	45.045	ng	#	83
6) Aniline	7.423	93	140559	33.607	ng	#	92
8) 2-Chlorophenol	7.670	128	104755	42.891	ng		89
9) Benzaldehyde	7.235	77	72476	42.173	ng		86
10) Phenol	7.288	94	142349	41.488	ng		91
11) bis(2-Chloroethyl)ether	7.517	93	98265	38.600	ng		84
12) 1,3-Dichlorobenzene	7.993	146	107974	39.575	ng		95
13) 1,4-Dichlorobenzene	8.140	146	108390	39.848	ng		97
14) 1,2-Dichlorobenzene	8.463	146	106770	40.803	ng		92
15) Benzyl Alcohol	8.339	79	120775	39.707	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.633	45	167823	34.841	ng		85
17) 2-Methylphenol	8.545	107	93624	41.609	ng		96
18) Hexachloroethane	9.197	117	42923	39.335	ng		97
19) n-Nitroso-di-n-propyla...	8.915	70	90521	34.869	ng		97
20) 3+4-Methylphenols	8.874	107	129620	42.134	ng		98
22) Acetophenone	8.933	105	173507	40.416	ng	#	97
24) Nitrobenzene	9.315	77	141676	38.434	ng		98
25) Isophorone	9.843	82	239295	33.565	ng		99
26) 2-Nitrophenol	10.031	139	60081	48.049	ng		98
27) 2,4-Dimethylphenol	10.084	122	97465	42.991	ng		99
28) bis(2-Chloroethoxy)met...	10.325	93	132157	40.033	ng		94
29) 2,4-Dichlorophenol	10.572	162	106048	41.695	ng		94
30) 1,2,4-Trichlorobenzene	10.789	180	120066	41.174	ng	#	90
31) Naphthalene	10.977	128	322267	38.335	ng		97
32) Benzoic acid	10.243	122	74373	50.225	ng	#	80
33) 4-Chloroaniline	11.077	127	75667	21.199	ng		97
34) Hexachlorobutadiene	11.265	225	84713	40.760	ng		95
35) Caprolactam	11.865	113	35310m	48.026	ng		
36) 4-Chloro-3-methylphenol	12.205	107	125237	40.284	ng	#	91
37) 2-Methylnaphthalene	12.581	142	239477	37.715	ng		96
38) 1-Methylnaphthalene	12.799	142	223322	37.462	ng		94
40) 1,2,4,5-Tetrachloroben...	12.946	216	143463	45.317	ng		98
41) Hexachlorocyclopentadiene	12.928	237	202961	99.728	ng		92
43) 2,4,6-Trichlorophenol	13.181	196	100508	47.449	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	110004	50.223	ng		93
46) 1,1'-Biphenyl	13.580	154	313743	42.685	ng		99
47) 2-Chloronaphthalene	13.627	162	242110	41.248	ng		99
48) 2-Nitroaniline	13.821	65	99531	46.632	ng		99
49) Acenaphthylene	14.473	152	403218	41.224	ng		98
50) Dimethylphthalate	14.197	163	338129	43.540	ng		99
51) 2,6-Dinitrotoluene	14.315	165	76008	48.060	ng		91
52) Acenaphthene	14.814	154	241110	38.245	ng		94
53) 3-Nitroaniline	14.650	138	55701	34.787	ng		97
54) 2,4-Dinitrophenol	14.855	184	98591	134.580	ng		92
55) Dibenzofuran	15.149	168	386816	39.472	ng		97
56) 4-Nitrophenol	14.961	139	132138	101.225	ng		93
57) 2,4-Dinitrotoluene	15.102	165	110080	56.666	ng		96
58) Fluorene	15.795	166	328982	41.054	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.366	232	101313	45.696	ng		99
60) Diethylphthalate	15.560	149	362935	43.150	ng		97
61) 4-Chlorophenyl-phenyle...	15.784	204	184586	44.052	ng		97
62) 4-Nitroaniline	15.813	138	78963	48.763	ng		87
63) Azobenzene	16.077	77	346771	36.032	ng		91
65) 4,6-Dinitro-2-methylph...	15.866	198	65051	56.966	ng		90
66) n-Nitrosodiphenylamine	16.001	169	288002	38.377	ng		99
67) 4-Bromophenyl-phenylether	16.683	248	124897	41.538	ng		95
68) Hexachlorobenzene	16.800	284	140486	43.108	ng		96
69) Atrazine	16.947	200	126770	52.627	ng		96
70) Pentachlorophenol	17.147	266	186240	95.091	ng		97
71) Phenanthrene	17.540	178	544563	40.190	ng		98
72) Anthracene	17.628	178	560979	41.201	ng		98
73) Carbazole	17.899	167	521549	39.962	ng		98
74) Di-n-butylphthalate	18.451	149	634286	43.331	ng		98
75) Fluoranthene	19.544	202	705579	43.182	ng		97
77) Benzidine	19.720	184	332728	64.324	ng		98
78) Pyrene	19.908	202	704983	37.827	ng		97
80) Butylbenzylphthalate	20.784	149	294922	41.942	ng		97
81) Benzo(a)anthracene	21.765	228	734266	39.827	ng		99
82) 3,3'-Dichlorobenzidine	21.677	252	207648	35.221	ng		100
83) Chrysene	21.835	228	695889	39.368	ng		96
84) Bis(2-ethylhexyl)phtha...	21.665	149	423380	42.241	ng		98
85) Di-n-octyl phthalate	22.911	149	720570	42.389	ng		97
87) Indeno(1,2,3-cd)pyrene	28.915	276	892282	45.894	ng	#	97
88) Benzo(b)fluoranthene	24.050	252	785946	42.677	ng	#	95
89) Benzo(k)fluoranthene	24.121	252	750359	42.944	ng	#	99
90) Benzo(a)pyrene	24.949	252	751488	44.703	ng	#	98
91) Dibenzo(a,h)anthracene	28.986	278	748105	46.041	ng	#	97
92) Benzo(g,h,i)perylene	30.102	276	744545	45.441	ng		99

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

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