Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062421\
Data File : BG049077.D
Acq On : 24 Jun 2021 11:41
Operator : CG/JU
Sample : PB137220BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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6/25/2021 1:09:20 PM

Quant Time: Jun 24 12:26:22 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	8.103	152	33481	20.000	ng	0.00
21) Naphthalene-d8	10.923	136	137190	20.000	ng	# 0.00
39) Acenaphthene-d10	14.748	164	101024	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	232823	20.000	ng	# 0.00
76) Chrysene-d12	21.787	240	238159	20.000	ng	0.00
86) Perylene-d12	25.107	264	243559	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	280576	130.452	ng	0.00
7) Phenol-d6	7.263	99	365202	113.289	ng	0.00
23) Nitrobenzene-d5	9.272	82	260302	81.815	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	197206	131.758	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	559002	78.168	ng	0.00
79) Terphenyl-d14	20.101	244	1051038	80.823	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.532	88	30516	29.063	ng	# 74
3) Pyridine	3.932	79	80938	28.415	ng	92
4) n-Nitrosodimethylamine	3.849	42	61788	45.298	ng	# 85
6) Aniline	7.422	93	121237	29.864	ng	98
8) 2-Chlorophenol	7.668	128	105228	44.388	ng	88
9) Benzaldehyde	7.234	77	20049	12.019	ng	89
10) Phenol	7.286	94	140917	42.314	ng	95
11) bis(2-Chloroethyl)ether	7.516	93	94826	38.376	ng	84
12) 1,3-Dichlorobenzene	7.992	146	109361	41.296	ng	98
13) 1,4-Dichlorobenzene	8.138	146	112084	42.453	ng	94
14) 1,2-Dichlorobenzene	8.462	146	105683m	41.609	ng	
15) Benzyl Alcohol	8.338	79	118347	40.086	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.638	45	168465	36.033	ng	85
17) 2-Methylphenol	8.544	107	93519	42.820	ng	96
18) Hexachloroethane	9.196	117	44850	42.344	ng	92
19) n-Nitroso-di-n-propyla...	8.914	70	89211	35.404	ng	98
20) 3+4-Methylphenols	8.873	107	126870	42.488	ng	95
22) Acetophenone	8.932	105	174753	41.869	ng	# 94
24) Nitrobenzene	9.313	77	143306	39.986	ng	98
25) Isophorone	9.842	82	235771	34.015	ng	# 95
26) 2-Nitrophenol	10.030	139	57790	47.537	ng	95
27) 2,4-Dimethylphenol	10.089	122	100248	45.482	ng	97
28) bis(2-Chloroethoxy)met...	10.318	93	130305	40.599	ng	94
29) 2,4-Dichlorophenol	10.571	162	105721	42.754	ng	90
30) 1,2,4-Trichlorobenzene	10.782	180	119753	42.240	ng	94
31) Naphthalene	10.976	128	317019	38.788	ng	98
32) Benzoic acid	10.242	122	63640	44.205	ng	# 75
33) 4-Chloroaniline	11.082	127	56172	16.187	ng	97
34) Hexachlorobutadiene	11.264	225	84810	41.972	ng	93
35) Caprolactam	11.863	113	33807m	47.296	ng	
36) 4-Chloro-3-methylphenol	12.198	107	122652	40.580	ng	# 94
37) 2-Methylnaphthalene	12.580	142	239355	38.772	ng	97
38) 1-Methylnaphthalene	12.798	142	221167	38.160	ng	95
40) 1,2,4,5-Tetrachloroben...	12.945	216	139422	43.462	ng	98
41) Hexachlorocyclopentadiene	12.927	237	201342	97.634	ng	93
43) 2,4,6-Trichlorophenol	13.180	196	97290	45.327	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.256	196	107765	48.555	ng		91
46) 1,1'-Biphenyl	13.579	154	308777	41.458	ng		95
47) 2-Chloronaphthalene	13.626	162	240250	40.394	ng		99
48) 2-Nitroaniline	13.820	65	94249	44.166	ng		92
49) Acenaphthylene	14.472	152	392019	39.553	ng		96
50) Dimethylphthalate	14.196	163	325880	41.412	ng		99
51) 2,6-Dinitrotoluene	14.313	165	71310	44.497	ng		93
52) Acenaphthene	14.813	154	235250	36.826	ng		89
53) 3-Nitroaniline	14.648	138	46167	28.454	ng	#	79
54) 2,4-Dinitrophenol	14.848	184	88326	118.985	ng		99
55) Dibenzofuran	15.148	168	377860	38.052	ng		98
56) 4-Nitrophenol	14.960	139	123951	93.707	ng		91
57) 2,4-Dinitrotoluene	15.101	165	104185	52.927	ng	#	98
58) Fluorene	15.794	166	322880	39.763	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.371	232	99006	44.070	ng		98
60) Diethylphthalate	15.559	149	345839	40.578	ng		97
61) 4-Chlorophenyl-phenyle...	15.782	204	175578	41.353	ng		98
62) 4-Nitroaniline	15.812	138	74499	45.403	ng		85
63) Azobenzene	16.076	77	335372	34.390	ng		90
65) 4,6-Dinitro-2-methylph...	15.865	198	59291	53.703	ng		90
66) n-Nitrosodiphenylamine	16.000	169	281627	38.815	ng		98
67) 4-Bromophenyl-phenylether	16.681	248	123040	42.324	ng		93
68) Hexachlorobenzene	16.799	284	135525	43.012	ng		99
69) Atrazine	16.946	200	120751	51.848	ng		98
70) Pentachlorophenol	17.145	266	176673	93.301	ng		97
71) Phenanthrene	17.539	178	523859	39.988	ng		98
72) Anthracene	17.627	178	536380	40.746	ng		99
73) Carbazole	17.898	167	498727	39.524	ng		97
74) Di-n-butylphthalate	18.450	149	609754	43.084	ng		97
75) Fluoranthene	19.543	202	681114	43.115	ng		97
77) Benzidine	19.719	184	259084	54.002	ng		98
78) Pyrene	19.907	202	687582	39.776	ng		97
80) Butylbenzylphthalate	20.788	149	275473	42.238	ng		98
81) Benzo(a)anthracene	21.764	228	699036	40.880	ng		99
82) 3,3'-Dichlorobenzidine	21.675	252	176093	32.203	ng		99
83) Chrysene	21.834	228	661006	40.317	ng		95
84) Bis(2-ethylhexyl)phtha...	21.664	149	398457	42.861	ng		97
85) Di-n-octyl phthalate	22.915	149	681812	43.243	ng		97
87) Indeno(1,2,3-cd)pyrene	28.908	276	857124	46.761	ng		98
88) Benzo(b)fluoranthene	24.049	252	757900	43.651	ng	#	96
89) Benzo(k)fluoranthene	24.120	252	699355	42.454	ng	#	99
90) Benzo(a)pyrene	24.948	252	713097	44.993	ng	#	96
91) Dibenzo(a,h)anthracene	28.979	278	713098	46.549	ng	#	97
92) Benzo(g,h,i)perylene	30.101	276	710056	45.966	ng		96

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

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