Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
Data File : BG049041.D
Acq On : 22 Jun 2021 11:28
Operator : CG/JU
Sample : PB137244BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB137244BS

Manual Integrations APPROVED
mohammad
6/23/2021 4:42:10 PM

Quant Time: Jun 22 12:03:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 12:04:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.114	152	37802	20.000	ng		0.00
21) Naphthalene-d8	10.934	136	161609	20.000	ng	#	0.00
39) Acenaphthene-d10	14.753	164	110882	20.000	ng		0.00
64) Phenanthrene-d10	17.503	188	276985	20.000	ng	#	0.00
76) Chrysene-d12	21.798	240	275639	20.000	ng		0.00
86) Perylene-d12	25.123	264	276041	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.664	112	339153	139.662	ng		0.00
7) Phenol-d6	7.268	99	441472	121.295	ng		0.00
23) Nitrobenzene-d5	9.283	82	314937	84.030	ng		0.00
42) 2,4,6-Tribromophenol	16.246	330	232012	141.231	ng		0.00
45) 2-Fluorobiphenyl	13.378	172	664827	84.700	ng		0.00
79) Terphenyl-d14	20.112	244	1243072	82.593	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.531	88	33034	27.865	ng	#	72
3) Pyridine	3.942	79	92567	28.783	ng		90
4) n-Nitrosodimethylamine	3.848	42	74079	48.101	ng	#	85
6) Aniline	7.432	93	166130	36.245	ng		91
8) 2-Chlorophenol	7.673	128	120371	44.972	ng		87
9) Benzaldehyde	7.238	77	89846	47.706	ng		94
10) Phenol	7.297	94	164932	43.864	ng		94
11) bis(2-Chloroethyl)ether	7.521	93	113349	40.629	ng		86
12) 1,3-Dichlorobenzene	7.996	146	123975	41.463	ng		98
13) 1,4-Dichlorobenzene	8.149	146	126487	42.432	ng		98
14) 1,2-Dichlorobenzene	8.466	146	121980	42.536	ng		93
15) Benzyl Alcohol	8.349	79	139106	41.732	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.637	45	205266	38.885	ng		83
17) 2-Methylphenol	8.555	107	107726	43.687	ng		96
18) Hexachloroethane	9.207	117	49733	41.587	ng		94
19) n-Nitroso-di-n-propyla...	8.919	70	103749	36.467	ng		96
20) 3+4-Methylphenols	8.884	107	149605	44.375	ng		98
22) Acetophenone	8.936	105	201403	40.962	ng	#	98
24) Nitrobenzene	9.324	77	167846	39.757	ng		96
25) Isophorone	9.853	82	275125	33.695	ng		97
26) 2-Nitrophenol	10.041	139	65776	45.931	ng		94
27) 2,4-Dimethylphenol	10.094	122	114629	44.148	ng		99
28) bis(2-Chloroethoxy)met...	10.329	93	149803	39.622	ng	#	90
29) 2,4-Dichlorophenol	10.582	162	121085	41.568	ng		94
30) 1,2,4-Trichlorobenzene	10.793	180	137349	41.126	ng		95
31) Naphthalene	10.987	128	369523	38.381	ng		98
32) Benzoic acid	10.241	122	85317	50.307	ng	#	82
33) 4-Chloroaniline	11.087	127	79187	19.371	ng		96
34) Hexachlorobutadiene	11.269	225	94786	39.821	ng		92
35) Caprolactam	11.874	113	41212m	48.944	ng		
36) 4-Chloro-3-methylphenol	12.209	107	143021	40.169	ng	#	91
37) 2-Methylnaphthalene	12.585	142	273156	37.562	ng		94
38) 1-Methylnaphthalene	12.803	142	256572	37.580	ng		92
40) 1,2,4,5-Tetrachloroben...	12.949	216	157334	44.685	ng		97
41) Hexachlorocyclopentadiene	12.932	237	235600	104.089	ng		92
43) 2,4,6-Trichlorophenol	13.190	196	113866	48.334	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.267	196	120939	49.646	ng		92
46) 1,1'-Biphenyl	13.590	154	352854	43.164	ng		97
47) 2-Chloronaphthalene	13.631	162	274303	42.019	ng		99
48) 2-Nitroaniline	13.831	65	115419	48.211	ng		98
49) Acenaphthylene	14.477	152	456436	41.958	ng		95
50) Dimethylphthalate	14.207	163	374538	43.363	ng		99
51) 2,6-Dinitrotoluene	14.324	165	84399	47.983	ng		96
52) Acenaphthene	14.818	154	263355	37.560	ng		94
53) 3-Nitroaniline	14.653	138	60055	33.723	ng		86
54) 2,4-Dinitrophenol	14.859	184	105853	129.918	ng		95
55) Dibenzofuran	15.153	168	434337	39.851	ng		96
56) 4-Nitrophenol	14.971	139	149557	103.013	ng		90
57) 2,4-Dinitrotoluene	15.112	165	123597	57.206	ng		96
58) Fluorene	15.805	166	367409	41.224	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.376	232	114312	46.359	ng		100
60) Diethylphthalate	15.570	149	404141	43.202	ng		98
61) 4-Chlorophenyl-phenyle...	15.793	204	206294	44.267	ng		98
62) 4-Nitroaniline	15.823	138	84808	47.090	ng		86
63) Azobenzene	16.087	77	402027	37.560	ng		89
65) 4,6-Dinitro-2-methylph...	15.875	198	69698	53.064	ng		93
66) n-Nitrosodiphenylamine	16.005	169	326379	37.811	ng		98
67) 4-Bromophenyl-phenylether	16.686	248	136784	39.550	ng		97
68) Hexachlorobenzene	16.810	284	154606	41.245	ng		96
69) Atrazine	16.956	200	144728	52.235	ng		99
70) Pentachlorophenol	17.150	266	206875	91.832	ng		98
71) Phenanthrene	17.550	178	606690	38.927	ng		98
72) Anthracene	17.638	178	626787	40.022	ng		98
73) Carbazole	17.908	167	575628	38.345	ng		97
74) Di-n-butylphthalate	18.461	149	714184	42.417	ng		98
75) Fluoranthene	19.553	202	774130	41.190	ng		98
77) Benzidine	19.730	184	347924	62.658	ng		100
78) Pyrene	19.918	202	773217	38.648	ng		98
80) Butylbenzylphthalate	20.799	149	314575	41.675	ng		97
81) Benzo(a)anthracene	21.774	228	787380	39.785	ng		99
82) 3,3'-Dichlorobenzidine	21.686	252	230465	36.415	ng		98
83) Chrysene	21.845	228	746625	39.347	ng		96
84) Bis(2-ethylhexyl)phtha...	21.674	149	451063	41.922	ng		96
85) Di-n-octyl phthalate	22.926	149	765296	41.938	ng		96
87) Indeno(1,2,3-cd)pyrene	28.942	276	934875	45.001	ng	#	97
88) Benzo(b)fluoranthene	24.066	252	839017	42.637	ng	#	94
89) Benzo(k)fluoranthene	24.136	252	785611	42.078	ng	#	99
90) Benzo(a)pyrene	24.971	252	792961	44.145	ng	#	97
91) Dibenzo(a,h)anthracene	29.019	278	791802	45.605	ng	#	96
92) Benzo(g,h,i)perylene	30.141	276	785726	44.879	ng		98

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

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