Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051076.D
Acq On : 16 Nov 2021 21:19
Operator : CG/JU
Sample : M4701-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-111521MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 17 00:43:05 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 03:55:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.223	152	40455	20.000	ng		0.00
21) Naphthalene-d8	11.055	136	175650	20.000	ng	#	0.00
39) Acenaphthene-d10	14.857	164	114549	20.000	ng		0.00
64) Phenanthrene-d10	17.600	188	235639	20.000	ng	#	0.00
76) Chrysene-d12	21.907	240	196041	20.000	ng	#	0.00
86) Perylene-d12	25.321	264	193599	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.761	112	266252	98.452	ng		0.00
7) Phenol-d6	7.377	99	353192	92.529	ng		0.00
23) Nitrobenzene-d5	9.404	82	240570	60.627	ng		0.00
42) 2,4,6-Tribromophenol	16.343	330	109366	95.406	ng		0.00
45) 2-Fluorobiphenyl	13.476	172	463422	63.922	ng		0.00
79) Terphenyl-d14	20.192	244	626185	58.446	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.605	88	42871	35.892	ng		94
3) Pyridine	4.022	79	102105	28.438	ng	#	88
4) n-Nitrosodimethylamine	3.934	42	65497	41.125	ng	#	37
6) Aniline	7.548	93	86138	18.948	ng		95
8) 2-Chlorophenol	7.788	128	137522	49.509	ng		93
9) Benzaldehyde	7.360	77	98702	35.934	ng		91
10) Phenol	7.401	94	188716	48.140	ng		83
11) bis(2-Chloroethyl)ether	7.636	93	133476	44.188	ng		89
12) 1,3-Dichlorobenzene	8.112	146	141575	46.796	ng		95
13) 1,4-Dichlorobenzene	8.258	146	142750	46.879	ng		97
14) 1,2-Dichlorobenzene	8.582	146	138733	46.910	ng		95
15) Benzyl Alcohol	8.464	79	142291	47.393	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.746	45	202320	41.784	ng		88
17) 2-Methylphenol	8.664	107	124482	47.691	ng		90
18) Hexachloroethane	9.316	117	57233	49.515	ng		97
19) n-Nitroso-di-n-propyla...	9.028	70	117624	41.699	ng	#	86
20) 3+4-Methylphenols	8.993	107	168140	45.649	ng		93
22) Acetophenone	9.058	105	204302	41.849	ng	#	95
24) Nitrobenzene	9.445	77	177860	45.465	ng		93
25) Isophorone	9.962	82	306109	42.681	ng	#	95
26) 2-Nitrophenol	10.156	139	79418	47.766	ng	#	89
27) 2,4-Dimethylphenol	10.203	122	128633	50.757	ng		94
28) bis(2-Chloroethoxy)met...	10.438	93	175773	41.231	ng		94
29) 2,4-Dichlorophenol	10.697	162	130193	48.048	ng		95
30) 1,2,4-Trichlorobenzene	10.908	180	144420	47.576	ng		94
31) Naphthalene	11.102	128	422345	44.779	ng		97
32) Benzoic acid	10.368	122	91980	47.093	ng	#	76
33) 4-Chloroaniline	11.214	127	62018	15.563	ng		96
34) Hexachlorobutadiene	11.367	225	89658	48.540	ng		98
35) Caprolactam	12.007	113	44567m	60.493	ng		
36) 4-Chloro-3-methylphenol	12.318	107	152354	45.067	ng	#	92
37) 2-Methylnaphthalene	12.694	142	298840	46.628	ng		93
38) 1-Methylnaphthalene	12.912	142	276600	44.163	ng		93
40) 1,2,4,5-Tetrachloroben...	13.059	216	163175	48.898	ng		97
41) Hexachlorocyclopentadiene	13.023	237	65011	57.206	ng		93
43) 2,4,6-Trichlorophenol	13.294	196	113089	47.498	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.370	196	119017	46.871	ng		93
46) 1,1'-Biphenyl	13.687	154	370312	44.271	ng		95
47) 2-Chloronaphthalene	13.740	162	302450	46.115	ng		97
48) 2-Nitroaniline	13.940	65	108022	43.010	ng		90
49) Acenaphthylene	14.580	152	476651	44.936	ng		97
50) Dimethylphthalate	14.298	163	367904	40.820	ng		99
51) 2,6-Dinitrotoluene	14.428	165	82146	44.285	ng		83
52) Acenaphthene	14.921	154	275022	44.497	ng		92
53) 3-Nitroaniline	14.763	138	61374	28.310	ng		94
54) 2,4-Dinitrophenol	14.974	184	68321	67.352	ng	#	82
55) Dibenzofuran	15.250	168	448484	42.662	ng		97
56) 4-Nitrophenol	15.068	139	145709	87.858	ng	#	74
57) 2,4-Dinitrotoluene	15.221	165	116910	44.421	ng		90
58) Fluorene	15.902	166	357620	43.580	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.479	232	98833	45.701	ng		99
60) Diethylphthalate	15.650	149	377705	39.938	ng		99
61) 4-Chlorophenyl-phenyle...	15.879	204	190664	43.016	ng		97
62) 4-Nitroaniline	15.926	138	80760	35.838	ng	#	61
63) Azobenzene	16.179	77	405309	40.441	ng		82
65) 4,6-Dinitro-2-methylph...	15.985	198	48346	33.163	ng		88
66) n-Nitrosodiphenylamine	16.096	169	319048	47.146	ng		97
67) 4-Bromophenyl-phenylether	16.778	248	117838	47.741	ng		94
68) Hexachlorobenzene	16.901	284	120790	49.716	ng		95
69) Atrazine	17.042	200	124566	74.033	ng		98
70) Pentachlorophenol	17.248	266	141721	102.790	ng		99
71) Phenanthrene	17.647	178	580579	46.191	ng		98
72) Anthracene	17.736	178	584999	46.797	ng		98
73) Carbazole	18.006	167	515528	41.642	ng		97
74) Di-n-butylphthalate	18.535	149	631675	43.065	ng	#	97
75) Fluoranthene	19.645	202	649213	42.101	ng		96
77) Benzidine	19.821	184	188740	50.934	ng		99
78) Pyrene	20.009	202	662662	45.058	ng		98
80) Butylbenzylphthalate	20.867	149	261804	41.414	ng		99
81) Benzo(a)anthracene	21.884	228	594419	44.158	ng		98
82) 3,3'-Dichlorobenzidine	21.790	252	128130	20.813	ng	#	98
83) Chrysene	21.954	228	584989	46.068	ng		96
84) Bis(2-ethylhexyl)phtha...	21.743	149	379921	42.681	ng	#	97
85) Di-n-octyl phthalate	23.018	149	647459	43.210	ng		99
87) Indeno(1,2,3-cd)pyrene	29.263	276	510765	37.169	ng		99
88) Benzo(b)fluoranthene	24.234	252	564609	46.332	ng	#	92
89) Benzo(k)fluoranthene	24.304	252	595009	48.955	ng	#	98
90) Benzo(a)pyrene	25.162	252	578965	55.650	ng	#	94
91) Dibenzo(a,h)anthracene	29.316	278	427360	37.774	ng	#	93
92) Benzo(g,h,i)perylene	30.503	276	360468	32.376	ng	#	92

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

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