Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081121\
Data File : BF125055.D
Acq On : 11 Aug 2021 13:42
Operator : JU/CG
Sample : M3318-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20210536-COM-9MSD

Manual Integrations APPROVED
mohammad
8/12/2021 1:43:47 PM

Quant Time: Aug 11 17:21:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 11:32:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	7177	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	26375	20.000	ng	#	0.00
39) Acenaphthene-d10	9.851	164	9321	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	17202	20.000	ng		0.00
76) Chrysene-d12	13.974	240	11091	20.000	ng		0.00
86) Perylene-d12	15.427	264	10164	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	37034	84.528	ng		0.00
7) Phenol-d6	6.451	99	43757	79.206	ng		0.00
23) Nitrobenzene-d5	7.381	82	26661	52.880	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	8252	99.095	ng		0.00
45) 2-Fluorobiphenyl	9.169	172	58883	92.436	ng		0.00
79) Terphenyl-d14	12.916	244	36874	56.081	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	6024	36.752	ng	#	100
3) Pyridine	3.340	79	12976	34.069	ng		85
4) n-Nitrosodimethylamine	3.293	42	11329	41.886	ng	#	81
6) Aniline	6.475	93	15781	27.043	ng	#	81
8) 2-Chlorophenol	6.598	128	19922	41.453	ng		88
9) Benzaldehyde	6.363	77	11390	37.896	ng		91
10) Phenol	6.469	94	24376	42.763	ng		89
11) bis(2-Chloroethyl)ether	6.551	93	18840	44.058	ng		98
12) 1,3-Dichlorobenzene	6.751	146	22189	42.420	ng		99
13) 1,4-Dichlorobenzene	6.828	146	22437	42.908	ng		95
14) 1,2-Dichlorobenzene	6.981	146	20795	42.434	ng		90
15) Benzyl Alcohol	6.963	79	16065	40.314	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.087	45	30371	44.331	ng		88
17) 2-Methylphenol	7.075	107	15615	43.406	ng	#	93
18) Hexachloroethane	7.322	117	8152	39.819	ng		87
19) n-Nitroso-di-n-propyla...	7.228	70	13292	40.549	ng	#	84
20) 3+4-Methylphenols	7.228	107	18806	39.380	ng	#	70
22) Acetophenone	7.228	105	26166	40.508	ng	#	91
24) Nitrobenzene	7.398	77	19315	39.591	ng		91
25) Isophorone	7.639	82	34589	40.196	ng	#	91
26) 2-Nitrophenol	7.716	139	11523	46.513	ng	#	90
27) 2,4-Dimethylphenol	7.751	122	18676	53.180	ng		90
28) bis(2-Chloroethoxy)met...	7.845	93	23208	47.387	ng		96
29) 2,4-Dichlorophenol	7.957	162	15710	40.152	ng		94
30) 1,2,4-Trichlorobenzene	8.039	180	17854	40.718	ng		98
31) Naphthalene	8.122	128	51682	38.139	ng	#	96
32) Benzoic acid	7.892	122	9911	47.676	ng		95
33) 4-Chloroaniline	8.169	127	4523	8.957	ng		96
34) Hexachlorobutadiene	8.233	225	10642	40.642	ng		97
35) Caprolactam	8.551	113	4448m	42.810	ng		
36) 4-Chloro-3-methylphenol	8.657	107	17072	41.712	ng	#	88
37) 2-Methylnaphthalene	8.810	142	37659	41.333	ng		99
38) 1-Methylnaphthalene	8.910	142	38133	44.730	ng		98
40) 1,2,4,5-Tetrachloroben...	8.975	216	18787	70.220	ng		98
41) Hexachlorocyclopentadiene	8.957	237	14000	133.637	ng		98
43) 2,4,6-Trichlorophenol	9.092	196	13303	74.693	ng		97

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44) 2,4,5-Trichlorophenol	9.133	196	13448	74.591	ng		96
46) 1,1'-Biphenyl	9.275	154	49696	71.547	ng		98
47) 2-Chloronaphthalene	9.298	162	38047	68.849	ng		98
48) 2-Nitroaniline	9.398	65	11452	70.548	ng		95
49) Acenaphthylene	9.716	152	34710	41.350	ng		98
50) Dimethylphthalate	9.575	163	32724	51.808	ng		99
51) 2,6-Dinitrotoluene	9.639	165	6063	43.106	ng	#	58
52) Acenaphthene	9.886	154	20515	40.314	ng		96
53) 3-Nitroaniline	9.810	138	2610	17.618	ng	#	61
54) 2,4-Dinitrophenol	9.922	184	5349	75.338	ng	#	84
55) Dibenzofuran	10.057	168	32410	40.752	ng		92
56) 4-Nitrophenol	9.986	139	7551	77.324	ng	#	51
57) 2,4-Dinitrotoluene	10.051	165	8611	45.093	ng		96
58) Fluorene	10.398	166	26074	42.758	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.180	232	5970	44.134	ng	#	96
60) Diethylphthalate	10.275	149	30843	47.582	ng		97
61) 4-Chlorophenyl-phenyle...	10.392	204	13005	45.160	ng		92
62) 4-Nitroaniline	10.427	138	5895	40.986	ng		83
63) Azobenzene	10.551	77	32574	51.388	ng		88
65) 4,6-Dinitro-2-methylph...	10.457	198	4316	40.050	ng		94
66) n-Nitrosodiphenylamine	10.516	169	22813	40.917	ng		97
67) 4-Bromophenyl-phenylether	10.880	248	8441	44.801	ng	#	88
68) Hexachlorobenzene	10.945	284	9155	44.663	ng		95
69) Atrazine	11.039	200	8161	48.712	ng		98
70) Pentachlorophenol	11.145	266	8282	85.233	ng		89
71) Phenanthrene	11.363	178	38467	41.223	ng		98
72) Anthracene	11.416	178	39590	42.292	ng		98
73) Carbazole	11.569	167	33440	38.953	ng		98
74) Di-n-butylphthalate	11.892	149	51144	46.877	ng		99
75) Fluoranthene	12.551	202	39051	40.453	ng		97
77) Benzidine	12.669	184	10694	36.036	ng		98
78) Pyrene	12.780	202	38701	44.301	ng		97
80) Butylbenzylphthalate	13.392	149	17689	45.500	ng	#	84
81) Benzo(a)anthracene	13.963	228	27520	38.076	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	4857	25.490	ng		97
83) Chrysene	14.004	228	27736	39.696	ng		98
84) Bis(2-ethylhexyl)phtha...	13.945	149	26157	48.501	ng		99
85) Di-n-octyl phthalate	14.557	149	37557	44.141	ng		100
87) Indeno(1,2,3-cd)pyrene	16.886	276	29321	48.443	ng	#	89
88) Benzo(b)fluoranthene	15.004	252	27319	38.279	ng	#	94
89) Benzo(k)fluoranthene	15.033	252	23574	36.312	ng		99
90) Benzo(a)pyrene	15.368	252	24260	39.920	ng		93
91) Dibenzo(a,h)anthracene	16.892	278	25357	47.648	ng	#	92
92) Benzo(g,h,i)perylene	17.321	276	24431	47.859	ng	#	87

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

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