Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
Data File : BF124709.D
Acq On : 23 Jul 2021 12:02
Operator : JU/CG
Sample : M3129-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-VNJ-207MS

Manual Integrations APPROVED
mohammad
7/27/2021 12:03:28 PM

Quant Time: Jul 23 13:42:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6954	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	27982	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	14260	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	21139	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	12720	20.000	ng	0.00
86) Perylene-d12	15.504	264	12653	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	39356	95.824	ng	0.01
7) Phenol-d6	6.498	99	46403	90.122	ng	0.00
23) Nitrobenzene-d5	7.434	82	28796	61.249	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	9682	79.078	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	61803	63.656	ng	0.00
79) Terphenyl-d14	12.980	244	43646	58.817	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	6146	42.810	ng	# 100
3) Pyridine	3.463	79	13023	38.319	ng	# 87
4) n-Nitrosodimethylamine	3.428	42	12846	47.796	ng	91
6) Aniline	6.534	93	22403	42.337	ng	98
8) 2-Chlorophenol	6.657	128	21519	46.453	ng	96
9) Benzaldehyde	6.422	77	12289	44.330	ng	93
10) Phenol	6.510	94	22955	46.555	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	18644	47.689	ng	95
12) 1,3-Dichlorobenzene	6.810	146	22871	45.426	ng	96
13) 1,4-Dichlorobenzene	6.887	146	23498	46.652	ng	97
14) 1,2-Dichlorobenzene	7.040	146	21794	44.783	ng	96
15) Benzyl Alcohol	7.010	79	15425	45.557	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.145	45	31615	48.047	ng	95
17) 2-Methylphenol	7.122	107	16335	48.404	ng	96
18) Hexachloroethane	7.387	117	8843	46.319	ng	92
19) n-Nitroso-di-n-propyla...	7.287	70	13183	47.948	ng	99
20) 3+4-Methylphenols	7.275	107	20294	45.515	ng	93
22) Acetophenone	7.281	105	29426	45.379	ng	# 95
24) Nitrobenzene	7.457	77	19355	41.991	ng	94
25) Isophorone	7.692	82	35016	42.121	ng	# 91
26) 2-Nitrophenol	7.769	139	11040	43.244	ng	# 91
27) 2,4-Dimethylphenol	7.804	122	19489	49.611	ng	88
28) bis(2-Chloroethoxy)met...	7.904	93	22992	47.593	ng	97
29) 2,4-Dichlorophenol	8.010	162	17231	41.417	ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	19403	42.552	ng	96
31) Naphthalene	8.181	128	62684	42.926	ng	96
32) Benzoic acid	7.922	122	10834	35.631	ng	94
33) 4-Chloroaniline	8.222	127	12344	22.480	ng	96
34) Hexachlorobutadiene	8.292	225	11670	42.815	ng	97
35) Caprolactam	8.598	113	4465m	41.292	ng	
36) 4-Chloro-3-methylphenol	8.704	107	16964	42.749	ng	95
37) 2-Methylnaphthalene	8.869	142	40543	41.552	ng	97
38) 1-Methylnaphthalene	8.969	142	37150	40.191	ng	96
40) 1,2,4,5-Tetrachloroben...	9.034	216	18742	47.105	ng	94
41) Hexachlorocyclopentadiene	9.022	237	14771	62.749	ng	97
43) 2,4,6-Trichlorophenol	9.139	196	11969	42.376	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	12390	42.722	ng		95
46) 1,1'-Biphenyl	9.334	154	48110	45.198	ng		96
47) 2-Chloronaphthalene	9.357	162	36306	43.086	ng		97
48) 2-Nitroaniline	9.451	65	9635	43.668	ng		97
49) Acenaphthylene	9.775	152	56178	43.231	ng		98
50) Dimethylphthalate	9.634	163	44690	45.514	ng	#	98
51) 2,6-Dinitrotoluene	9.692	165	9291	42.831	ng	#	84
52) Acenaphthene	9.945	154	35859	41.627	ng		98
53) 3-Nitroaniline	9.863	138	6247	27.373	ng		90
54) 2,4-Dinitrophenol	9.963	184	5510	43.927	ng	#	84
55) Dibenzofuran	10.116	168	51190	41.586	ng		98
56) 4-Nitrophenol	10.022	139	14525	80.597	ng		96
57) 2,4-Dinitrotoluene	10.098	165	11901	40.428	ng	#	90
58) Fluorene	10.463	166	37765	39.993	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	8846	38.622	ng	#	96
60) Diethylphthalate	10.333	149	44568	43.649	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	18890	41.381	ng		97
62) 4-Nitroaniline	10.481	138	8024	35.534	ng		84
63) Azobenzene	10.610	77	35855	39.693	ng		99
65) 4,6-Dinitro-2-methylph...	10.504	198	3551	25.939	ng		82
66) n-Nitrosodiphenylamine	10.569	169	33108	48.331	ng		95
67) 4-Bromophenyl-phenylether	10.945	248	10610	47.326	ng		95
68) Hexachlorobenzene	11.004	284	10520	45.182	ng		93
69) Atrazine	11.098	200	10171	48.835	ng		92
70) Pentachlorophenol	11.198	266	11904	82.219	ng		94
71) Phenanthrene	11.422	178	47832	42.070	ng		99
72) Anthracene	11.475	178	49461	43.516	ng		98
73) Carbazole	11.628	167	41272	38.737	ng		98
74) Di-n-butylphthalate	11.957	149	63921	45.043	ng		100
75) Fluoranthene	12.610	202	42007	36.206	ng		98
77) Benzidine	12.733	184	30244	84.318	ng		98
78) Pyrene	12.839	202	41274	40.987	ng		98
80) Butylbenzylphthalate	13.457	149	21385	44.338	ng		93
81) Benzo(a)anthracene	14.027	228	35276	42.426	ng		97
82) 3,3'-Dichlorobenzidine	13.986	252	11559	50.093	ng		99
83) Chrysene	14.063	228	33932	42.360	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	31871	44.861	ng		99
85) Di-n-octyl phthalate	14.627	149	52307	45.372	ng		100
87) Indeno(1,2,3-cd)pyrene	16.980	276	29464	40.334	ng		98
88) Benzo(b)fluoranthene	15.074	252	34891	39.165	ng		98
89) Benzo(k)fluoranthene	15.104	252	34068	41.853	ng	#	95
90) Benzo(a)pyrene	15.445	252	33244	44.671	ng		97
91) Dibenzo(a,h)anthracene	16.998	278	25409	39.733	ng		94
92) Benzo(g,h,i)perylene	17.427	276	23607	38.929	ng	#	92

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

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