Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
Data File : BF124710.D
Acq On : 23 Jul 2021 12:34
Operator : JU/CG
Sample : M3129-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-VNJ-207MSD

Manual Integrations APPROVED
mohammad
7/27/2021 12:03:53 PM

Quant Time: Jul 23 13:47:19 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	7395	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	27458	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	14027	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	21402	20.000	ng		0.00
76) Chrysene-d12	14.033	240	13493	20.000	ng		0.00
86) Perylene-d12	15.504	264	12178	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	39379	90.162	ng		0.01
7) Phenol-d6	6.498	99	45750	83.555	ng		0.00
23) Nitrobenzene-d5	7.434	82	28360	61.473	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	9919	82.359	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	59670	62.480	ng		0.00
79) Terphenyl-d14	12.980	244	44306	56.286	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	6267	41.050	ng	#	100
3) Pyridine	3.469	79	12761	35.309	ng		98
4) n-Nitrosodimethylamine	3.428	42	12268	42.924	ng	#	95
6) Aniline	6.534	93	22236	39.515	ng		98
8) 2-Chlorophenol	6.651	128	20794	42.211	ng		95
9) Benzaldehyde	6.422	77	12208	41.412	ng		94
10) Phenol	6.510	94	22417m	42.753	ng		
11) bis(2-Chloroethyl)ether	6.604	93	18444	44.364	ng		95
12) 1,3-Dichlorobenzene	6.810	146	22409	41.854	ng		97
13) 1,4-Dichlorobenzene	6.887	146	23951	44.716	ng		94
14) 1,2-Dichlorobenzene	7.040	146	22219	42.933	ng		98
15) Benzyl Alcohol	7.010	79	15073	41.862	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.145	45	31066	44.397	ng		98
17) 2-Methylphenol	7.122	107	15732	43.837	ng		99
18) Hexachloroethane	7.387	117	8906	43.868	ng		90
19) n-Nitroso-di-n-propyla...	7.287	70	13195	45.130	ng		96
20) 3+4-Methylphenols	7.275	107	19693	41.533	ng		93
22) Acetophenone	7.281	105	28386	44.611	ng	#	92
24) Nitrobenzene	7.457	77	19308	42.688	ng		96
25) Isophorone	7.692	82	33865	41.514	ng		94
26) 2-Nitrophenol	7.769	139	11063	44.161	ng		94
27) 2,4-Dimethylphenol	7.804	122	18448	47.858	ng		90
28) bis(2-Chloroethoxy)met...	7.904	93	22682	47.847	ng		98
29) 2,4-Dichlorophenol	8.010	162	17705	43.368	ng		96
30) 1,2,4-Trichlorobenzene	8.098	180	19358	43.263	ng		98
31) Naphthalene	8.181	128	60990	42.563	ng		97
32) Benzoic acid	7.922	122	10658	35.721	ng		90
33) 4-Chloroaniline	8.222	127	12612	23.406	ng		97
34) Hexachlorobutadiene	8.292	225	10792	40.349	ng		92
35) Caprolactam	8.598	113	4423m	41.684	ng		
36) 4-Chloro-3-methylphenol	8.704	107	17426	44.751	ng		98
37) 2-Methylnaphthalene	8.869	142	39912	41.686	ng		97
38) 1-Methylnaphthalene	8.969	142	36543	40.289	ng		96
40) 1,2,4,5-Tetrachloroben...	9.033	216	18160	46.401	ng		96
41) Hexachlorocyclopentadiene	9.022	237	14733	63.628	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	12417	44.693	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	12467	43.702	ng		92
46) 1,1'-Biphenyl	9.333	154	46544	44.453	ng		99
47) 2-Chloronaphthalene	9.357	162	36488	44.021	ng		98
48) 2-Nitroaniline	9.451	65	9982	45.992	ng		94
49) Acenaphthylene	9.775	152	56902	44.516	ng		99
50) Dimethylphthalate	9.633	163	44748	46.330	ng		99
51) 2,6-Dinitrotoluene	9.692	165	9454	44.306	ng		96
52) Acenaphthene	9.945	154	36537	43.119	ng		99
53) 3-Nitroaniline	9.863	138	6573	29.280	ng		99
54) 2,4-Dinitrophenol	9.963	184	5906	47.866	ng		95
55) Dibenzofuran	10.116	168	51136	42.232	ng		96
56) 4-Nitrophenol	10.022	139	14350	80.948	ng		96
57) 2,4-Dinitrotoluene	10.098	165	11744	40.558	ng	#	84
58) Fluorene	10.463	166	37613	40.493	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.233	232	8837	39.224	ng	#	97
60) Diethylphthalate	10.333	149	44180	43.988	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	18096	40.300	ng		97
62) 4-Nitroaniline	10.480	138	7935	35.723	ng	#	85
63) Azobenzene	10.610	77	36396	40.961	ng		94
65) 4,6-Dinitro-2-methylph...	10.498	198	3671	26.486	ng		94
66) n-Nitrosodiphenylamine	10.569	169	32041	46.198	ng		98
67) 4-Bromophenyl-phenylether	10.939	248	10509	46.299	ng	#	83
68) Hexachlorobenzene	11.004	284	10589	44.920	ng		94
69) Atrazine	11.098	200	10546	50.013	ng		93
70) Pentachlorophenol	11.198	266	11732	80.035	ng		90
71) Phenanthrene	11.422	178	49167	42.713	ng		99
72) Anthracene	11.475	178	50091	43.528	ng		100
73) Carbazole	11.627	167	41683	38.642	ng		97
74) Di-n-butylphthalate	11.957	149	63495	44.193	ng		99
75) Fluoranthene	12.610	202	42937	36.553	ng		99
77) Benzidine	12.733	184	30349	79.763	ng		99
78) Pyrene	12.839	202	43673	40.885	ng		99
80) Butylbenzylphthalate	13.457	149	21801	42.611	ng		92
81) Benzo(a)anthracene	14.027	228	34821	39.480	ng		98
82) 3,3'-Dichlorobenzidine	13.986	252	12274	50.144	ng		96
83) Chrysene	14.063	228	34092	40.121	ng		96
84) Bis(2-ethylhexyl)phtha...	14.016	149	32035	42.509	ng		98
85) Di-n-octyl phthalate	14.627	149	53969	44.132	ng		100
87) Indeno(1,2,3-cd)pyrene	16.980	276	30959	44.034	ng		96
88) Benzo(b)fluoranthene	15.074	252	34799	40.586	ng		99
89) Benzo(k)fluoranthene	15.104	252	33953	43.338	ng	#	98
90) Benzo(a)pyrene	15.445	252	32874	45.897	ng		99
91) Dibenzo(a,h)anthracene	16.998	278	26447	42.969	ng		99
92) Benzo(g,h,i)perylene	17.427	276	23655	40.529	ng		93

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

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