Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072221\
Data File : BF124694.D
Acq On : 22 Jul 2021 17:47
Operator : JU/CG
Sample : M3098-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F0604SMSD

Manual Integrations APPROVED
mohammad
7/23/2021 11:51:25 AM

Quant Time: Jul 22 18:28:26 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	5937	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	24159	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	12471	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	20626	20.000	ng		0.00
76) Chrysene-d12	14.033	240	13125	20.000	ng		0.00
86) Perylene-d12	15.504	264	13292	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	33687	96.071	ng		0.00
7) Phenol-d6	6.493	99	39069	88.876	ng		0.00
23) Nitrobenzene-d5	7.434	82	22339	55.034	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	9404	87.826	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	38148	44.928	ng		0.00
79) Terphenyl-d14	12.974	244	27786	36.289	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	5590	45.607	ng	#	100
3) Pyridine	3.434	79	11493	39.610	ng		92
4) n-Nitrosodimethylamine	3.399	42	11257	49.059	ng	#	99
6) Aniline	6.534	93	21195	46.915	ng		98
8) 2-Chlorophenol	6.651	128	18288	46.241	ng		96
9) Benzaldehyde	6.422	77	10763	45.476	ng		93
10) Phenol	6.510	94	20399	48.458	ng		99
11) bis(2-Chloroethyl)ether	6.604	93	16096	48.224	ng		95
12) 1,3-Dichlorobenzene	6.810	146	19899	46.293	ng		97
13) 1,4-Dichlorobenzene	6.887	146	20638	47.993	ng		96
14) 1,2-Dichlorobenzene	7.040	146	19582	47.130	ng		99
15) Benzyl Alcohol	7.010	79	13570	46.943	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.145	45	27901	49.666	ng		97
17) 2-Methylphenol	7.116	107	14068	48.827	ng		96
18) Hexachloroethane	7.387	117	7875	48.315	ng	#	83
19) n-Nitroso-di-n-propyla...	7.287	70	11489	48.945	ng		94
20) 3+4-Methylphenols	7.275	107	18129	47.624	ng		91
22) Acetophenone	7.281	105	25442	45.444	ng		97
24) Nitrobenzene	7.451	77	16859	42.364	ng		99
25) Isophorone	7.692	82	30120	41.965	ng		95
26) 2-Nitrophenol	7.769	139	10299	46.725	ng		94
27) 2,4-Dimethylphenol	7.804	122	17142	50.542	ng		94
28) bis(2-Chloroethoxy)met...	7.904	93	20414	48.944	ng		98
29) 2,4-Dichlorophenol	8.010	162	15615	43.472	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	17008	43.202	ng		98
31) Naphthalene	8.181	128	55593	44.094	ng		98
32) Benzoic acid	7.922	122	9803	37.342	ng		94
33) 4-Chloroaniline	8.222	127	15274	32.217	ng		98
34) Hexachlorobutadiene	8.292	225	10092	42.884	ng		98
35) Caprolactam	8.592	113	4311m	46.176	ng		
36) 4-Chloro-3-methylphenol	8.698	107	15512	45.275	ng		93
37) 2-Methylnaphthalene	8.869	142	36705	43.571	ng		97
38) 1-Methylnaphthalene	8.969	142	34602	43.358	ng		100
40) 1,2,4,5-Tetrachloroben...	9.034	216	16167	46.462	ng	#	95
41) Hexachlorocyclopentadiene	9.022	237	24104	117.086	ng		96
43) 2,4,6-Trichlorophenol	9.139	196	10808	43.755	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	11602	45.744	ng		91
46) 1,1'-Biphenyl	9.334	154	43747	46.995	ng		98
47) 2-Chloronaphthalene	9.357	162	34252	46.480	ng		98
48) 2-Nitroaniline	9.451	65	9176	47.554	ng		100
49) Acenaphthylene	9.775	152	53424	47.010	ng		97
50) Dimethylphthalate	9.633	163	40423	47.074	ng		97
51) 2,6-Dinitrotoluene	9.692	165	8579	45.222	ng		92
52) Acenaphthene	9.945	154	38321	50.867	ng		100
53) 3-Nitroaniline	9.863	138	6713	33.635	ng	#	95
54) 2,4-Dinitrophenol	9.969	184	9385	85.552	ng		87
55) Dibenzofuran	10.122	168	50208	46.639	ng		96
56) 4-Nitrophenol	10.022	139	14811	93.973	ng		98
57) 2,4-Dinitrotoluene	10.098	165	11228	43.614	ng		96
58) Fluorene	10.463	166	38197	46.253	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	9099	45.426	ng	#	92
60) Diethylphthalate	10.333	149	40437	45.285	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	17895	44.825	ng		96
62) 4-Nitroaniline	10.480	138	8488	42.981	ng		87
63) Azobenzene	10.616	77	34723	43.954	ng		95
65) 4,6-Dinitro-2-methylph...	10.504	198	5433	40.673	ng		83
66) n-Nitrosodiphenylamine	10.569	169	31666	47.375	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	10604	48.475	ng		99
68) Hexachlorobenzene	11.004	284	10822	47.635	ng		92
69) Atrazine	11.098	200	9996	49.188	ng		94
70) Pentachlorophenol	11.198	266	12250	86.713	ng		93
71) Phenanthrene	11.422	178	54312	48.958	ng		96
72) Anthracene	11.475	178	54995	49.588	ng		99
73) Carbazole	11.627	167	43401	41.749	ng		99
74) Di-n-butylphthalate	11.957	149	65316	47.171	ng		100
75) Fluoranthene	12.610	202	50099	44.255	ng		99
77) Benzidine	12.733	184	32241	87.111	ng		98
78) Pyrene	12.839	202	48804	46.969	ng		98
80) Butylbenzylphthalate	13.457	149	23942	48.108	ng		99
81) Benzo(a)anthracene	14.027	228	37772	44.026	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	10385	43.617	ng	#	98
83) Chrysene	14.063	228	37776	45.703	ng		100
84) Bis(2-ethylhexyl)phtha...	14.016	149	40657	55.462	ng		98
85) Di-n-octyl phthalate	14.627	149	63433	53.325	ng		100
87) Indeno(1,2,3-cd)pyrene	16.986	276	46419	60.490	ng		96
88) Benzo(b)fluoranthene	15.074	252	40476	43.250	ng		99
89) Benzo(k)fluoranthene	15.110	252	35407	41.407	ng		97
90) Benzo(a)pyrene	15.445	252	37582	48.073	ng		100
91) Dibenzo(a,h)anthracene	17.009	278	38893	57.895	ng		97
92) Benzo(g,h,i)perylene	17.439	276	37909	59.508	ng		92

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

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