Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072221\
Data File : BF124684.D
Acq On : 22 Jul 2021 11:32
Operator : JU/CG
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
7/23/2021 11:51:09 AM

Quant Time: Jul 22 13:30:32 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 13:28:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	7554	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	28825	20.000	ng	#	0.00
39) Acenaphthene-d10	9.910	164	15916	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	28342	20.000	ng		0.00
76) Chrysene-d12	14.033	240	21088	20.000	ng		0.00
86) Perylene-d12	15.504	264	17900	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	9180	21.055	ng		0.00
7) Phenol-d6	6.481	99	11326	21.354	ng		-0.02
23) Nitrobenzene-d5	7.428	82	9947	21.784	ng		-0.01
42) 2,4,6-Tribromophenol	10.692	330	2747	22.179	ng		-0.01
45) 2-Fluorobiphenyl	9.228	172	23235	21.288	ng		0.00
79) Terphenyl-d14	12.980	244	25083	19.973	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	1461	10.245	ng	#	100
3) Pyridine	3.410	79	3353	9.167	ng		96
4) n-Nitrosodimethylamine	3.346	42	2726	9.169	ng		87
6) Aniline	6.528	93	5692	10.185	ng		95
8) 2-Chlorophenol	6.651	128	5257	10.755	ng		97
9) Benzaldehyde	6.416	77	3468	11.145	ng		95
10) Phenol	6.492	94	5487	10.596	ng		99
11) bis(2-Chloroethyl)ether	6.598	93	4339	10.808	ng		94
12) 1,3-Dichlorobenzene	6.810	146	5815	10.869	ng		94
13) 1,4-Dichlorobenzene	6.887	146	5891	10.781	ng		98
14) 1,2-Dichlorobenzene	7.040	146	5595	10.774	ng		96
15) Benzyl Alcohol	7.004	79	3596	9.798	ng	#	81
16) 2,2'-oxybis(1-Chloropr...	7.145	45	7609	10.996	ng		96
17) 2-Methylphenol	7.110	107	3785	10.579	ng		91
18) Hexachloroethane	7.381	117	2081	10.113	ng		90
19) n-Nitroso-di-n-propyla...	7.275	70	2954	9.906	ng		93
20) 3+4-Methylphenols	7.263	107	4922	10.449	ng	#	83
22) Acetophenone	7.275	105	6850	10.471	ng		98
24) Nitrobenzene	7.445	77	4636	10.239	ng		94
25) Isophorone	7.687	82	8629	10.294	ng		98
26) 2-Nitrophenol	7.763	139	2608	10.678	ng	#	86
27) 2,4-Dimethylphenol	7.798	122	4426	10.936	ng		94
28) bis(2-Chloroethoxy)met...	7.898	93	5259	10.755	ng		98
29) 2,4-Dichlorophenol	7.998	162	4351	10.423	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	4758	10.299	ng		98
31) Naphthalene	8.175	128	15440	10.356	ng		98
32) Benzoic acid	7.869	122	2499	8.859	ng		97
33) 4-Chloroaniline	8.216	127	5454	9.681	ng		95
34) Hexachlorobutadiene	8.292	225	2923	11.210	ng		97
35) Caprolactam	8.557	113	1033	9.783	ng		93
36) 4-Chloro-3-methylphenol	8.692	107	4032	9.767	ng		90
37) 2-Methylnaphthalene	8.863	142	10471	10.408	ng		98
38) 1-Methylnaphthalene	8.963	142	10112	10.703	ng		93
40) 1,2,4,5-Tetrachloroben...	9.028	216	4649	10.952	ng		95
41) Hexachlorocyclopentadiene	9.016	237	2690	10.144	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	3191	10.412	ng		90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	3234	10.232	ng	#	94
46) 1,1'-Biphenyl	9.328	154	12501	10.342	ng		98
47) 2-Chloronaphthalene	9.351	162	9905	10.451	ng		97
48) 2-Nitroaniline	9.445	65	2396	10.513	ng		84
49) Acenaphthylene	9.769	152	15196	10.275	ng		97
50) Dimethylphthalate	9.622	163	11394	10.289	ng		99
51) 2,6-Dinitrotoluene	9.686	165	2487	11.393	ng	#	84
52) Acenaphthene	9.939	154	9696	10.253	ng		99
53) 3-Nitroaniline	9.851	138	2556	10.493	ng	#	94
54) 2,4-Dinitrophenol	9.957	184	1202	10.552	ng	#	71
55) Dibenzofuran	10.110	168	14353	10.323	ng		98
56) 4-Nitrophenol	9.998	139	1940	9.569	ng		92
57) 2,4-Dinitrotoluene	10.086	165	3067	10.262	ng		96
58) Fluorene	10.457	166	11043	10.268	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.228	232	2653	10.868	ng	#	93
60) Diethylphthalate	10.328	149	11862	10.245	ng		96
61) 4-Chlorophenyl-phenyle...	10.451	204	5348	10.955	ng		92
62) 4-Nitroaniline	10.463	138	2650	10.794	ng	#	85
63) Azobenzene	10.610	77	10444	10.320	ng		94
65) 4,6-Dinitro-2-methylph...	10.492	198	1630	10.068	ng		85
66) n-Nitrosodiphenylamine	10.563	169	9562	10.361	ng		94
67) 4-Bromophenyl-phenylether	10.939	248	3224	11.001	ng		94
68) Hexachlorobenzene	11.004	284	3046	10.144	ng		92
69) Atrazine	11.086	200	3024	10.699	ng		93
70) Pentachlorophenol	11.192	266	1828	9.625	ng	#	86
71) Phenanthrene	11.422	178	15625m	10.105	ng		
72) Anthracene	11.469	178	16131	10.399	ng		97
73) Carbazole	11.622	167	15169	10.583	ng		98
74) Di-n-butylphthalate	11.957	149	20040	10.379	ng		99
75) Fluoranthene	12.604	202	16507	10.581	ng		98
77) Benzidine	12.727	184	6874	8.719	ng		97
78) Pyrene	12.833	202	16994	9.699	ng		98
80) Butylbenzylphthalate	13.457	149	7855	9.272	ng	#	93
81) Benzo(a)anthracene	14.021	228	14354	10.263	ng		97
82) 3,3'-Dichlorobenzidine	13.986	252	4107	11.211	ng		91
83) Chrysene	14.057	228	13663	10.198	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	12003	10.553	ng		99
85) Di-n-octyl phthalate	14.627	149	19273	11.711	ng	#	98
87) Indeno(1,2,3-cd)pyrene	16.968	276	10425	10.042	ng		97
88) Benzo(b)fluoranthene	15.068	252	13579m	10.569	ng		
89) Benzo(k)fluoranthene	15.098	252	11885	10.082	ng		97
90) Benzo(a)pyrene	15.439	252	10926	10.302	ng		98
91) Dibenzo(a,h)anthracene	16.986	278	9172	10.380	ng	#	96
92) Benzo(g,h,i)perylene	17.409	276	8718	10.105	ng		92

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

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