Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126409.D
Acq On : 30 Dec 2021 9:21
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 30 13:23:36 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 04:30:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	153748	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	613454	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	276782	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	421020	20.000	ng	0.00
76) Chrysene-d12	13.957	240	232295	20.000	ng	0.00
86) Perylene-d12	15.392	264	205144	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	866516	80.936	ng	0.00
7) Phenol-d6	6.428	99	1103657	79.590	ng	0.00
23) Nitrobenzene-d5	7.363	82	974736	81.585	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	169915	79.443	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1150438	73.143	ng	0.00
79) Terphenyl-d14	12.910	244	959448	80.249	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.499	88	227829	42.435	ng	99
3) Pyridine	3.222	79	610764	42.174	ng	99
4) n-Nitrosodimethylamine	3.175	42	247360	41.544	ng	94
6) Aniline	6.457	93	699144	40.546	ng	99
8) 2-Chlorophenol	6.581	128	432429	40.501	ng	99
9) Benzaldehyde	6.345	77	321345	37.434	ng	99
10) Phenol	6.440	94	624000	40.323	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	473278	40.053	ng	100
12) 1,3-Dichlorobenzene	6.740	146	429412	40.247	ng	100
13) 1,4-Dichlorobenzene	6.816	146	429781	40.355	ng	99
14) 1,2-Dichlorobenzene	6.969	146	392621	37.836	ng	99
15) Benzyl Alcohol	6.940	79	393731	40.582	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	759809	40.943	ng	99
17) 2-Methylphenol	7.051	107	377441	40.188	ng	99
18) Hexachloroethane	7.310	117	176343	41.559	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	308820	39.027	ng	100
20) 3+4-Methylphenols	7.204	107	427085	38.196	ng	99
22) Acetophenone	7.210	105	558243	39.363	ng	99
24) Nitrobenzene	7.381	77	491969	41.150	ng	99
25) Isophorone	7.622	82	862484	40.326	ng	99
26) 2-Nitrophenol	7.698	139	218124	41.156	ng	98
27) 2,4-Dimethylphenol	7.734	122	333430	40.234	ng	99
28) bis(2-Chloroethoxy)met...	7.834	93	561344	40.177	ng	98
29) 2,4-Dichlorophenol	7.939	162	304980	40.304	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	315900	40.056	ng	98
31) Naphthalene	8.104	128	1151575	39.771	ng	100
32) Benzoic acid	7.857	122	199713	35.398	ng	92
33) 4-Chloroaniline	8.151	127	489823	40.380	ng	99
34) Hexachlorobutadiene	8.228	225	152395	39.757	ng	97
35) Caprolactam	8.510	113	75541m	39.242	ng	
36) 4-Chloro-3-methylphenol	8.634	107	368403	39.892	ng	97
37) 2-Methylnaphthalene	8.792	142	682715	39.969	ng	99
38) 1-Methylnaphthalene	8.892	142	662023	40.088	ng	99
40) 1,2,4,5-Tetrachloroben...	8.963	216	239374	39.800	ng	98
41) Hexachlorocyclopentadiene	8.951	237	102616	41.906	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	174496	39.231	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	187452	39.153	ng	99
46) 1,1'-Biphenyl	9.257	154	799153	39.366	ng	96
47) 2-Chloronaphthalene	9.281	162	611508	39.770	ng	96
48) 2-Nitroaniline	9.375	65	253465	40.822	ng	98
49) Acenaphthylene	9.698	152	940956	40.349	ng	99
50) Dimethylphthalate	9.563	163	687121	39.767	ng	100
51) 2,6-Dinitrotoluene	9.622	165	149670	40.109	ng	95
52) Acenaphthene	9.869	154	606097	39.644	ng	98
53) 3-Nitroaniline	9.786	138	207692	40.594	ng	99
54) 2,4-Dinitrophenol	9.892	184	65021	36.214	ng	97
55) Dibenzofuran	10.039	168	807195	39.055	ng	96
56) 4-Nitrophenol	9.945	139	152131	41.809	ng	98
57) 2,4-Dinitrotoluene	10.022	165	202300	42.020	ng	99
58) Fluorene	10.386	166	564992	38.663	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	137267	39.945	ng	97
60) Diethylphthalate	10.263	149	672354	40.375	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	250613	39.299	ng	97
62) 4-Nitroaniline	10.398	138	196247	40.727	ng	98
63) Azobenzene	10.539	77	872134	40.659	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	97142	42.607	ng	93
66) n-Nitrosodiphenylamine	10.498	169	531612	40.699	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	151606	40.569	ng	98
68) Hexachlorobenzene	10.933	284	172093	39.591	ng	98
69) Atrazine	11.022	200	99829	44.384	ng	97
70) Pentachlorophenol	11.128	266	89071	42.160	ng	97
71) Phenanthrene	11.345	178	861670	40.032	ng	99
72) Anthracene	11.398	178	869148	40.355	ng	99
73) Carbazole	11.551	167	853293	40.459	ng	100
74) Di-n-butylphthalate	11.886	149	981025	40.857	ng	99
75) Fluoranthene	12.533	202	796500	40.544	ng	99
77) Benzidine	12.651	184	202196	52.748	ng	100
78) Pyrene	12.763	202	807187	41.118	ng	99
80) Butylbenzylphthalate	13.380	149	369597	42.488	ng	98
81) Benzo(a)anthracene	13.951	228	537273	40.218	ng	99
82) 3,3'-Dichlorobenzidine	13.910	252	248150	39.816	ng	100
83) Chrysene	13.986	228	554304	40.451	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	377482	41.872	ng	97
85) Di-n-octyl phthalate	14.557	149	678073	43.370	ng	100
87) Indeno(1,2,3-cd)pyrene	16.815	276	571354	41.616	ng	99
88) Benzo(b)fluoranthene	14.980	252	524570	42.925	ng	100
89) Benzo(k)fluoranthene	15.010	252	466319	39.390	ng	100
90) Benzo(a)pyrene	15.339	252	424337	41.411	ng	98
91) Dibenzo(a,h)anthracene	16.833	278	464946	41.969	ng	99
92) Benzo(g,h,i)perylene	17.245	276	492825	41.777	ng	99

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

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