Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
Data File : BF126512.D
Acq On : 6 Jan 2022 10:50
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

Quant Time: Jan 07 08:30:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	102927	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	404358	20.000	ng		0.00
39) Acenaphthene-d10	9.816	164	184980	20.000	ng		-0.01
64) Phenanthrene-d10	11.304	188	287899	20.000	ng		0.00
76) Chrysene-d12	13.939	240	152212	20.000	ng		-0.01
86) Perylene-d12	15.374	264	141963	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	576554	80.442	ng		0.00
7) Phenol-d6	6.416	99	719435	77.499	ng		0.00
23) Nitrobenzene-d5	7.345	82	592978	75.297	ng		0.00
42) 2,4,6-Tribromophenol	10.604	330	127649	89.301	ng		-0.01
45) 2-Fluorobiphenyl	9.139	172	796754	75.796	ng		-0.01
79) Terphenyl-d14	12.886	244	678384	86.593	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.475	88	143208	39.844	ng		97
3) Pyridine	3.193	79	368809	38.041	ng		98
4) n-Nitrosodimethylamine	3.146	42	138454	34.735	ng		99
6) Aniline	6.440	93	434651	37.654	ng		96
8) 2-Chlorophenol	6.563	128	292437	40.913	ng		94
9) Benzaldehyde	6.328	77	182564	31.768	ng		90
10) Phenol	6.428	94	398194	38.437	ng		95
11) bis(2-Chloroethyl)ether	6.516	93	296347	37.463	ng		95
12) 1,3-Dichlorobenzene	6.722	146	296516	41.513	ng		96
13) 1,4-Dichlorobenzene	6.798	146	297840	41.775	ng		98
14) 1,2-Dichlorobenzene	6.951	146	273254	39.335	ng		97
15) Benzyl Alcohol	6.922	79	244924	37.709	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	449248	36.161	ng		100
17) 2-Methylphenol	7.034	107	245432	39.036	ng		98
18) Hexachloroethane	7.293	117	111266	39.170	ng		95
19) n-Nitroso-di-n-propyla...	7.198	70	185491	35.016	ng		98
20) 3+4-Methylphenols	7.193	107	278907	37.260	ng	#	87
22) Acetophenone	7.193	105	367001	39.260	ng		98
24) Nitrobenzene	7.363	77	293865	37.290	ng		94
25) Isophorone	7.604	82	511844	36.307	ng		98
26) 2-Nitrophenol	7.681	139	146718	41.998	ng		93
27) 2,4-Dimethylphenol	7.722	122	227638	41.673	ng		95
28) bis(2-Chloroethoxy)met...	7.816	93	345542	37.520	ng		99
29) 2,4-Dichlorophenol	7.922	162	209633	42.029	ng		99
30) 1,2,4-Trichlorobenzene	8.004	180	218822	42.094	ng		98
31) Naphthalene	8.087	128	772812	40.492	ng		100
32) Benzoic acid	7.845	122	167415	43.095	ng		96
33) 4-Chloroaniline	8.134	127	325783	40.745	ng		97
34) Hexachlorobutadiene	8.204	225	106003	41.954	ng		98
35) Caprolactam	8.498	113	51140m	40.303	ng		
36) 4-Chloro-3-methylphenol	8.616	107	237646	39.040	ng		99
37) 2-Methylnaphthalene	8.775	142	461928	41.028	ng		98
38) 1-Methylnaphthalene	8.875	142	449174	41.264	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	169703	42.219	ng		97
41) Hexachlorocyclopentadiene	8.934	237	66206	40.455	ng		97
43) 2,4,6-Trichlorophenol	9.057	196	124929	42.026	ng		96

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 07 08:30:55 2022
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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.092	196	133765	41.805	ng		99
46)	1,1'-Biphenyl	9.239	154	549893	40.531	ng		99
47)	2-Chloronaphthalene	9.263	162	416181	40.500	ng		97
48)	2-Nitroaniline	9.363	65	149058	35.921	ng	#	83
49)	Acenaphthylene	9.681	152	641019	41.129	ng		99
50)	Dimethylphthalate	9.545	163	454504	39.358	ng		99
51)	2,6-Dinitrotoluene	9.604	165	102367	41.047	ng		95
52)	Acenaphthene	9.851	154	418325m	40.941	ng		
53)	3-Nitroaniline	9.775	138	136909	40.039	ng		87
54)	2,4-Dinitrophenol	9.881	184	45696	37.875	ng	#	76
55)	Dibenzofuran	10.022	168	560713	40.593	ng		96
56)	4-Nitrophenol	9.934	139	100846	41.469	ng		89
57)	2,4-Dinitrotoluene	10.004	165	136505	42.425	ng		94
58)	Fluorene	10.369	166	399279	40.883	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.145	232	99251	43.216	ng		92
60)	Diethylphthalate	10.245	149	437350	39.297	ng		98
61)	4-Chlorophenyl-phenyle...	10.357	204	170082	39.907	ng		99
62)	4-Nitroaniline	10.386	138	134392	41.731	ng		89
63)	Azobenzene	10.522	77	521777	36.398	ng		96
65)	4,6-Dinitro-2-methylph...	10.416	198	70433	45.176	ng		100
66)	n-Nitrosodiphenylamine	10.481	169	371992	41.647	ng		96
67)	4-Bromophenyl-phenylether	10.851	248	108623	42.507	ng		94
68)	Hexachlorobenzene	10.916	284	124099	41.750	ng		96
69)	Atrazine	11.004	200	66658	43.339	ng		97
70)	Pentachlorophenol	11.110	266	62095	42.982	ng		95
71)	Phenanthrene	11.328	178	608174	41.320	ng		100
72)	Anthracene	11.380	178	609793	41.404	ng		99
73)	Carbazole	11.533	167	598671	41.512	ng		99
74)	Di-n-butylphthalate	11.869	149	646432	39.371	ng		99
75)	Fluoranthene	12.516	202	562548	41.876	ng		98
77)	Benzidine	12.633	184	101694	39.303	ng		99
78)	Pyrene	12.745	202	567909	44.149	ng		99
80)	Butylbenzylphthalate	13.363	149	221690	38.893	ng		98
81)	Benzo(a)anthracene	13.927	228	359721	41.094	ng		99
82)	3,3'-Dichlorobenzidine	13.892	252	164314	40.235	ng		99
83)	Chrysene	13.969	228	361207	40.228	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.927	149	216822	36.705	ng		98
85)	Di-n-octyl phthalate	14.539	149	354760	34.629	ng		96
87)	Indeno(1,2,3-cd)pyrene	16.792	276	408963	43.045	ng		98
88)	Benzo(b)fluoranthene	14.963	252	327789	38.760	ng		98
89)	Benzo(k)fluoranthene	14.992	252	345562	42.181	ng		97
90)	Benzo(a)pyrene	15.316	252	297449	41.947	ng		97
91)	Dibenzo(a,h)anthracene	16.804	278	333032	43.440	ng		98
92)	Benzo(g,h,i)perylene	17.215	276	358771	43.948	ng		97

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

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