Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
Data File : BF138218.D
Acq On : 18 Jun 2024 11:36
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 18 11:59:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	356986	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1363231	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	724085	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	1264242	20.000	ng	0.00
76) Chrysene-d12	14.051	240	774663	20.000	ng	0.00
86) Perylene-d12	15.521	264	649922	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1689185	79.155	ng	0.00
7) Phenol-d6	6.522	99	2107972	77.899	ng	0.00
23) Nitrobenzene-d5	7.457	82	1856430	79.278	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	558574	77.489	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3260184	71.596	ng	0.00
79) Terphenyl-d14	12.998	244	3596307	73.528	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	389003	39.832	ng	99
3) Pyridine	3.463	79	935126	40.288	ng	99
4) n-Nitrosodimethylamine	3.428	42	413530	38.496	ng	96
6) Aniline	6.557	93	1046809	39.535	ng	99
8) 2-Chlorophenol	6.681	128	901395	39.069	ng	98
9) Benzaldehyde	6.445	77	566501	39.416	ng	99
10) Phenol	6.534	94	1086437m	39.562	ng	
11) bis(2-Chloroethyl)ether	6.633	93	855099	38.906	ng	98
12) 1,3-Dichlorobenzene	6.833	146	991403	37.811	ng	99
13) 1,4-Dichlorobenzene	6.910	146	999279	37.871	ng	99
14) 1,2-Dichlorobenzene	7.063	146	922716	37.250	ng	99
15) Benzyl Alcohol	7.033	79	719678	39.444	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1138463	36.702	ng	99
17) 2-Methylphenol	7.139	107	714705	39.263	ng	99
18) Hexachloroethane	7.404	117	354671	39.675	ng	91
19) n-Nitroso-di-n-propyla...	7.310	70	600528	37.439	ng	98
20) 3+4-Methylphenols	7.298	107	880214	38.418	ng	99
22) Acetophenone	7.304	105	1162458	37.328	ng	99
24) Nitrobenzene	7.475	77	951514	39.315	ng	98
25) Isophorone	7.716	82	1590877	37.560	ng	100
26) 2-Nitrophenol	7.792	139	460612	47.330	ng	99
27) 2,4-Dimethylphenol	7.822	122	576901m	38.964	ng	
28) bis(2-Chloroethoxy)met...	7.922	93	1006923	37.977	ng	99
29) 2,4-Dichlorophenol	8.028	162	735270	38.572	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	837317	37.247	ng	98
31) Naphthalene	8.198	128	2513330	37.285	ng	100
32) Benzoic acid	7.939	122	603633	46.258	ng	99
33) 4-Chloroaniline	8.245	127	956916	37.981	ng	100
34) Hexachlorobutadiene	8.310	225	491912	37.415	ng	98
35) Caprolactam	8.616	113	236472	41.091	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	746997	39.358	ng	97
37) 2-Methylnaphthalene	8.886	142	1631636	36.882	ng	99
38) 1-Methylnaphthalene	8.986	142	1603805	36.994	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	778351	36.786	ng	99
41) Hexachlorocyclopentadiene	9.039	237	283059	41.027	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	520423	39.281	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.198	196	572920	39.377	ng		98
46)	1,1'-Biphenyl	9.351	154	1982620	37.315	ng		99
47)	2-Chloronaphthalene	9.374	162	1587959	37.817	ng		99
48)	2-Nitroaniline	9.469	65	443948	43.901	ng		99
49)	Acenaphthylene	9.792	152	2194954	37.278	ng		100
50)	Dimethylphthalate	9.651	163	1699523	38.308	ng		100
51)	2,6-Dinitrotoluene	9.710	165	412202	42.828	ng		99
52)	Acenaphthene	9.963	154	1503871	37.455	ng		99
53)	3-Nitroaniline	9.880	138	434844	42.292	ng		98
54)	2,4-Dinitrophenol	9.980	184	182801	45.579	ng		97
55)	Dibenzofuran	10.133	168	2085863	37.162	ng		100
56)	4-Nitrophenol	10.033	139	355079	43.700	ng		90
57)	2,4-Dinitrotoluene	10.116	165	533013	44.900	ng		99
58)	Fluorene	10.474	166	1593147	36.100	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.251	232	444578	39.098	ng		99
60)	Diethylphthalate	10.351	149	1610620	38.251	ng		99
61)	4-Chlorophenyl-phenyle...	10.469	204	803779	36.570	ng		100
62)	4-Nitroaniline	10.492	138	434716	42.316	ng		99
63)	Azobenzene	10.627	77	1583738	37.543	ng		98
65)	4,6-Dinitro-2-methylph...	10.521	198	262618	41.811	ng		80
66)	n-Nitrosodiphenylamine	10.586	169	1391718	35.957	ng		99
67)	4-Bromophenyl-phenylether	10.957	248	517002	36.292	ng	#	91
68)	Hexachlorobenzene	11.021	284	597334	35.930	ng		98
69)	Atrazine	11.110	200	400963	36.371	ng		98
70)	Pentachlorophenol	11.216	266	391070	40.334	ng		98
71)	Phenanthrene	11.439	178	2257599	36.109	ng		99
72)	Anthracene	11.492	178	2265114	36.490	ng		100
73)	Carbazole	11.645	167	2108828	37.040	ng		99
74)	Di-n-butylphthalate	11.974	149	2334642	39.610	ng		100
75)	Fluoranthene	12.627	202	2428670	38.094	ng		99
77)	Benzidine	12.745	184	605362	67.560	ng		99
78)	Pyrene	12.857	202	2472940	37.009	ng		99
80)	Butylbenzylphthalate	13.474	149	868665	47.793	ng		97
81)	Benzo(a)anthracene	14.039	228	1855452	37.334	ng		99
82)	3,3'-Dichlorobenzidine	14.004	252	571789	41.779	ng		99
83)	Chrysene	14.074	228	1782217	37.622	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.027	149	1012624	47.903	ng		98
85)	Di-n-octyl phthalate	14.645	149	1327432	42.269	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.003	276	1726082	40.740	ng		99
88)	Benzo(b)fluoranthene	15.092	252	1515953	39.553	ng		99
89)	Benzo(k)fluoranthene	15.121	252	1425219	37.944	ng		99
90)	Benzo(a)pyrene	15.456	252	1278491	38.829	ng		98
91)	Dibenzo(a,h)anthracene	17.021	278	1424260	40.955	ng		98
92)	Benzo(g,h,i)perylene	17.456	276	1462705	40.657	ng		99

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

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