Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
Data File : BF139168.D
Acq On : 26 Aug 2024 17:35
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/27/2024
Supervised By :mohammad ahmed 08/28/2024

Quant Time: Aug 27 02:43:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 02:30:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	105569	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	374928	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	205270	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	356452	20.000	ng	0.00
76) Chrysene-d12	14.051	240	176881	20.000	ng	0.00
86) Perylene-d12	15.521	264	192777	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	524563	83.496	ng	0.00
7) Phenol-d6	6.522	99	701340	81.341	ng	0.00
23) Nitrobenzene-d5	7.457	82	584610	86.383	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	153482	87.303	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1081140	81.814	ng	0.00
79) Terphenyl-d14	12.998	244	976268	86.120	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	118370	39.841	ng	100
3) Pyridine	3.428	79	296524	40.159	ng	100
4) n-Nitrosodimethylamine	3.393	42	174092	40.499	ng	100
6) Aniline	6.587	93	327331m	40.498	ng	
8) 2-Chlorophenol	6.681	128	255097	42.738	ng	100
9) Benzaldehyde	6.445	77	212005	39.284	ng	100
10) Phenol	6.534	94	359409	40.725	ng	100
11) bis(2-Chloroethyl)ether	6.634	93	263764	38.471	ng	100
12) 1,3-Dichlorobenzene	6.834	146	316116	40.161	ng	100
13) 1,4-Dichlorobenzene	6.910	146	313664	39.719	ng	100
14) 1,2-Dichlorobenzene	7.063	146	295744	39.803	ng	100
15) Benzyl Alcohol	7.034	79	274871	42.295	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	397613	40.005	ng	100
17) 2-Methylphenol	7.139	107	219771	40.389	ng	100
18) Hexachloroethane	7.404	117	104890	41.982	ng	100
19) n-Nitroso-di-n-propyla...	7.310	70	213911	41.480	ng	100
20) 3+4-Methylphenols	7.298	107	287809	41.466	ng	100
22) Acetophenone	7.304	105	394726	40.974	ng	100
24) Nitrobenzene	7.475	77	319941	41.079	ng	100
25) Isophorone	7.716	82	554208	41.410	ng	100
26) 2-Nitrophenol	7.792	139	86771	39.146	ng	100
27) 2,4-Dimethylphenol	7.822	122	167888	42.324	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	320854	41.409	ng	100
29) 2,4-Dichlorophenol	8.028	162	222156	45.374	ng	100
30) 1,2,4-Trichlorobenzene	8.116	180	259170	41.047	ng	100
31) Naphthalene	8.198	128	786648	41.033	ng	100
32) Benzoic acid	7.934	122	120718	38.045	ng	100
33) 4-Chloroaniline	8.245	127	270942	41.011	ng	100
34) Hexachlorobutadiene	8.316	225	171386	41.772	ng	100
35) Caprolactam	8.616	113	66311	44.149	ng	100
36) 4-Chloro-3-methylphenol	8.722	107	243643	43.389	ng	100
37) 2-Methylnaphthalene	8.886	142	496221	41.289	ng	100
38) 1-Methylnaphthalene	8.986	142	484949	41.284	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	253805	41.685	ng	100
41) Hexachlorocyclopentadiene	9.039	237	85575	43.771	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	159997	46.997	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	164257	46.030	ng	100
46) 1,1'-Biphenyl	9.351	154	617382	41.552	ng	100
47) 2-Chloronaphthalene	9.375	162	494731	41.737	ng	100
48) 2-Nitroaniline	9.469	65	133630	39.465	ng	100
49) Acenaphthylene	9.792	152	698533	41.823	ng	100
50) Dimethylphthalate	9.651	163	514922	43.425	ng	100
51) 2,6-Dinitrotoluene	9.710	165	101704	40.837	ng	100
52) Acenaphthene	9.963	154	456616	41.616	ng	100
53) 3-Nitroaniline	9.880	138	103808	40.838	ng	100
54) 2,4-Dinitrophenol	9.980	184	32916	39.657	ng	100
55) Dibenzofuran	10.133	168	661849	41.332	ng	100
56) 4-Nitrophenol	10.028	139	82826	40.940	ng	100
57) 2,4-Dinitrotoluene	10.110	165	123661	39.601	ng	100
58) Fluorene	10.475	166	522858	41.387	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	132944	46.483	ng	100
60) Diethylphthalate	10.351	149	492452	44.102	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	257068	41.463	ng	100
62) 4-Nitroaniline	10.492	138	109733	42.350	ng	100
63) Azobenzene	10.627	77	570399	42.021	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	49608	39.820	ng	100
66) n-Nitrosodiphenylamine	10.586	169	435993	41.300	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	155211	40.981	ng	100
68) Hexachlorobenzene	11.022	284	168754	41.172	ng	100
69) Atrazine	11.110	200	99052	43.018	ng	100
70) Pentachlorophenol	11.210	266	104013	43.223	ng	100
71) Phenanthrene	11.439	178	740866	41.130	ng	100
72) Anthracene	11.492	178	722367	41.141	ng	100
73) Carbazole	11.645	167	653726	41.619	ng	100
74) Di-n-butylphthalate	11.974	149	628868	46.194	ng	100
75) Fluoranthene	12.621	202	728246	41.660	ng	100
77) Benzidine	12.745	184	133948	44.877	ng	100
78) Pyrene	12.851	202	732191	44.068	ng	100
80) Butylbenzylphthalate	13.474	149	140011	41.669	ng	100
81) Benzo(a)anthracene	14.039	228	488236	41.659	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	118727	43.511	ng	100
83) Chrysene	14.074	228	442792	41.884	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	152663	43.081	ng	100
85) Di-n-octyl phthalate	14.645	149	293899	39.477	ng	100
87) Indeno(1,2,3-cd)pyrene	17.004	276	544788	41.330	ng	100
88) Benzo(b)fluoranthene	15.092	252	456063	40.442	ng	100
89) Benzo(k)fluoranthene	15.121	252	415138	40.718	ng	100
90) Benzo(a)pyrene	15.457	252	400092	41.799	ng	100
91) Dibenzo(a,h)anthracene	17.021	278	444963	41.186	ng	100
92) Benzo(g,h,i)perylene	17.451	276	461146	41.266	ng	100

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

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