Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
Data File : BF138630.D
Acq On : 23 Jul 2024 21:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 24 01:17:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	96358	20.000	ng		-0.01
21) Naphthalene-d8	8.139	136	371938	20.000	ng		-0.01
39) Acenaphthene-d10	9.892	164	184908	20.000	ng		-0.01
64) Phenanthrene-d10	11.375	188	245998	20.000	ng		-0.01
76) Chrysene-d12	14.010	240	160441	20.000	ng		-0.02
86) Perylene-d12	15.468	264	134497	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	493043	81.037	ng		-0.01
7) Phenol-d6	6.498	99	665143	82.180	ng		0.00
23) Nitrobenzene-d5	7.422	82	625011	82.505	ng		-0.01
42) 2,4,6-Tribromophenol	10.681	330	120258	69.588	ng		-0.01
45) 2-Fluorobiphenyl	9.210	172	995367	84.132	ng		-0.02
79) Terphenyl-d14	12.951	244	576165	58.504	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	110552	41.027	ng		96
3) Pyridine	3.375	79	280515	42.213	ng		96
4) n-Nitrosodimethylamine	3.340	42	169238	39.123	ng		92
6) Aniline	6.522	93	301408	39.759	ng	#	69
8) 2-Chlorophenol	6.645	128	257696	40.056	ng		96
9) Benzaldehyde	6.410	77	199147	45.969	ng		97
10) Phenol	6.510	94	345395	40.204	ng		88
11) bis(2-Chloroethyl)ether	6.598	93	262466	40.578	ng		98
12) 1,3-Dichlorobenzene	6.798	146	284015	39.275	ng		99
13) 1,4-Dichlorobenzene	6.875	146	290074	39.502	ng		98
14) 1,2-Dichlorobenzene	7.028	146	267622	39.130	ng		97
15) Benzyl Alcohol	6.998	79	248090	40.844	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	462221	36.338	ng		77
17) 2-Methylphenol	7.116	107	217293	41.212	ng		96
18) Hexachloroethane	7.363	117	106762	39.547	ng		94
19) n-Nitroso-di-n-propyla...	7.275	70	196568	39.305	ng		93
20) 3+4-Methylphenols	7.269	107	270288	40.709	ng		96
22) Acetophenone	7.269	105	367331	40.664	ng		98
24) Nitrobenzene	7.445	77	314090	40.800	ng		97
25) Isophorone	7.681	82	530628	40.788	ng		99
26) 2-Nitrophenol	7.757	139	138210	41.888	ng		97
27) 2,4-Dimethylphenol	7.792	122	164882	40.658	ng		99
28) bis(2-Chloroethoxy)met...	7.887	93	320117	41.173	ng		97
29) 2,4-Dichlorophenol	7.998	162	208100	39.516	ng		99
30) 1,2,4-Trichlorobenzene	8.081	180	233037	37.986	ng		99
31) Naphthalene	8.163	128	770014	39.807	ng		100
32) Benzoic acid	7.922	122	140527	36.332	ng		95
33) 4-Chloroaniline	8.210	127	249157	36.710	ng		99
34) Hexachlorobutadiene	8.275	225	142980	37.848	ng		100
35) Caprolactam	8.592	113	67021	39.440	ng		98
36) 4-Chloro-3-methylphenol	8.692	107	231561	39.277	ng		99
37) 2-Methylnaphthalene	8.851	142	478771	38.461	ng		100
38) 1-Methylnaphthalene	8.945	142	466597	38.407	ng		100
40) 1,2,4,5-Tetrachloroben...	9.016	216	214519	41.626	ng		100
41) Hexachlorocyclopentadiene	8.998	237	41351	24.721	ng		99
43) 2,4,6-Trichlorophenol	9.128	196	132724	40.375	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	142088	39.298	ng	94
46) 1,1'-Biphenyl	9.316	154	596755	42.585	ng	99
47) 2-Chloronaphthalene	9.339	162	432409	40.846	ng	98
48) 2-Nitroaniline	9.434	65	159279	43.418	ng	92
49) Acenaphthylene	9.751	152	607458	40.416	ng	100
50) Dimethylphthalate	9.616	163	508502	42.529	ng	100
51) 2,6-Dinitrotoluene	9.681	165	113120	41.090	ng	90
52) Acenaphthene	9.928	154	410043m	41.042	ng	
53) 3-Nitroaniline	9.845	138	107667	38.158	ng	87
54) 2,4-Dinitrophenol	9.957	184	32782	25.561	ng	93
55) Dibenzofuran	10.098	168	568069	39.201	ng	100
56) 4-Nitrophenol	10.010	139	63990	30.736	ng	99
57) 2,4-Dinitrotoluene	10.081	165	136836	38.416	ng	96
58) Fluorene	10.439	166	435758	38.003	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	99968	35.033	ng	98
60) Diethylphthalate	10.310	149	481052	41.734	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	220573	38.309	ng	94
62) 4-Nitroaniline	10.457	138	98756	34.928	ng	100
63) Azobenzene	10.586	77	487656	39.351	ng	98
65) 4,6-Dinitro-2-methylph...	10.486	198	54263	38.202	ng	78
66) n-Nitrosodiphenylamine	10.551	169	367383	49.847	ng	98
67) 4-Bromophenyl-phenylether	10.916	248	119999	47.460	ng	96
68) Hexachlorobenzene	10.980	284	123900	44.110	ng	98
69) Atrazine	11.069	200	80845	33.085	ng	98
70) Pentachlorophenol	11.180	266	56847	34.202	ng	97
71) Phenanthrene	11.398	178	503749	40.533	ng	99
72) Anthracene	11.451	178	495493	40.164	ng	100
73) Carbazole	11.604	167	412192	37.179	ng	99
74) Di-n-butylphthalate	11.933	149	583714	45.676	ng	99
75) Fluoranthene	12.586	202	432755	34.125	ng	99
77) Benzidine	12.710	184	130652	32.276	ng	99
78) Pyrene	12.816	202	440452	27.043	ng	100
80) Butylbenzylphthalate	13.427	149	190262	38.834	ng	97
81) Benzo(a)anthracene	13.998	228	450733	41.868	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	128740	46.409	ng	98
83) Chrysene	14.039	228	385562	37.858	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	275316	52.689	ng	100
85) Di-n-octyl phthalate	14.592	149	501354	60.736	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	244361	27.048	ng	99
88) Benzo(b)fluoranthene	15.045	252	356531	47.070	ng	99
89) Benzo(k)fluoranthene	15.074	252	354012m	47.922	ng	
90) Benzo(a)pyrene	15.410	252	275290	41.373	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	201376	27.250	ng	99
92) Benzo(g,h,i)perylene	17.374	276	203074	25.914	ng	98

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

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