Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139822.D
Acq On : 16 Oct 2024 10:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 16 11:58:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 16:41:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	105278	20.000	ng		0.00
21) Naphthalene-d8	8.133	136	385549	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	217510	20.000	ng		0.00
64) Phenanthrene-d10	11.374	188	366791	20.000	ng		0.00
76) Chrysene-d12	14.015	240	166377	20.000	ng		0.00
86) Perylene-d12	15.474	264	211152	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	476518	76.371	ng		0.00
7) Phenol-d6	6.487	99	643799	77.585	ng		0.00
23) Nitrobenzene-d5	7.422	82	583457	77.891	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	143622	78.292	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	1067567	73.410	ng		0.00
79) Terphenyl-d14	12.957	244	765314	89.773	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	105692	38.929	ng		97
3) Pyridine	3.351	79	256852	38.659	ng		97
4) n-Nitrosodimethylamine	3.310	42	151377	38.365	ng		96
6) Aniline	6.516	93	258719	36.186	ng	#	87
8) 2-Chlorophenol	6.639	128	253504	38.482	ng		97
9) Benzaldehyde	6.404	77	177969	38.183	ng		96
10) Phenol	6.504	94	334379	38.388	ng		100
11) bis(2-Chloroethyl)ether	6.592	93	253585	39.039	ng		99
12) 1,3-Dichlorobenzene	6.792	146	281587	37.805	ng		99
13) 1,4-Dichlorobenzene	6.869	146	284562	38.085	ng		99
14) 1,2-Dichlorobenzene	7.022	146	266163	38.394	ng		99
15) Benzyl Alcohol	6.998	79	229623	38.447	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	434606	38.179	ng		97
17) 2-Methylphenol	7.110	107	209136	39.244	ng		99
18) Hexachloroethane	7.363	117	103784	38.340	ng		99
19) n-Nitroso-di-n-propyla...	7.269	70	187785	38.861	ng		99
20) 3+4-Methylphenols	7.263	107	258186	38.529	ng		99
22) Acetophenone	7.263	105	345802	38.218	ng		98
24) Nitrobenzene	7.439	77	304356	38.975	ng		98
25) Isophorone	7.675	82	515012	40.287	ng		99
26) 2-Nitrophenol	7.751	139	138537	40.746	ng		97
27) 2,4-Dimethylphenol	7.792	122	162288	39.281	ng		100
28) bis(2-Chloroethoxy)met...	7.886	93	310337	39.557	ng		100
29) 2,4-Dichlorophenol	7.998	162	210563	39.298	ng		100
30) 1,2,4-Trichlorobenzene	8.075	180	242252	39.710	ng		98
31) Naphthalene	8.157	128	777276	39.118	ng		100
32) Benzoic acid	7.916	122	164810	43.205	ng		99
33) 4-Chloroaniline	8.210	127	250040	38.372	ng		99
34) Hexachlorobutadiene	8.269	225	149967	38.740	ng		100
35) Caprolactam	8.580	113	66848	44.189	ng		96
36) 4-Chloro-3-methylphenol	8.692	107	232202	40.808	ng		100
37) 2-Methylnaphthalene	8.845	142	489979	39.331	ng		99
38) 1-Methylnaphthalene	8.945	142	479162	39.509	ng		100
40) 1,2,4,5-Tetrachloroben...	9.016	216	234764	37.161	ng		99
41) Hexachlorocyclopentadiene	8.998	237	84219	56.677	ng		99
43) 2,4,6-Trichlorophenol	9.127	196	146122	36.383	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	162006	37.645	ng	99
46) 1,1'-Biphenyl	9.310	154	615841	37.447	ng	99
47) 2-Chloronaphthalene	9.339	162	468124	37.256	ng	100
48) 2-Nitroaniline	9.433	65	162965	39.725	ng	99
49) Acenaphthylene	9.751	152	701039	37.989	ng	100
50) Dimethylphthalate	9.610	163	525665	39.482	ng	100
51) 2,6-Dinitrotoluene	9.675	165	122502	40.326	ng	94
52) Acenaphthene	9.922	154	451241	38.600	ng	99
53) 3-Nitroaniline	9.845	138	116643	38.512	ng	100
54) 2,4-Dinitrophenol	9.957	184	71213	57.684	ng	97
55) Dibenzofuran	10.098	168	665391	37.959	ng	100
56) 4-Nitrophenol	10.010	139	108954	59.755	ng	98
57) 2,4-Dinitrotoluene	10.080	165	154677	41.242	ng	99
58) Fluorene	10.439	166	523902	38.402	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	121053	37.827	ng	99
60) Diethylphthalate	10.310	149	520399	40.176	ng	100
61) 4-Chlorophenyl-phenyle...	10.427	204	259189	38.449	ng	98
62) 4-Nitroaniline	10.457	138	112592	40.645	ng	99
63) Azobenzene	10.586	77	528827	39.161	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	77934	40.500	ng	99
66) n-Nitrosodiphenylamine	10.551	169	434348	37.437	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	149408	37.809	ng	98
68) Hexachlorobenzene	10.986	284	165390	37.414	ng	99
69) Atrazine	11.074	200	96197	44.413	ng	99
70) Pentachlorophenol	11.180	266	97787	51.726	ng	99
71) Phenanthrene	11.398	178	664851	37.947	ng	100
72) Anthracene	11.451	178	649314	37.716	ng	99
73) Carbazole	11.610	167	576402	37.843	ng	100
74) Di-n-butylphthalate	11.933	149	659933	39.873	ng	99
75) Fluoranthene	12.586	202	610242	36.916	ng	100
77) Benzidine	12.710	184	143009	51.456	ng	99
78) Pyrene	12.816	202	595723	36.423	ng	100
80) Butylbenzylphthalate	13.427	149	176494	39.804	ng	97
81) Benzo(a)anthracene	14.004	228	425312	38.486	ng	99
82) 3,3'-Dichlorobenzidine	13.962	252	146923	39.901	ng	99
83) Chrysene	14.039	228	388676	38.587	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	224599	39.269	ng	100
85) Di-n-octyl phthalate	14.598	149	417415	39.228	ng	100
87) Indeno(1,2,3-cd)pyrene	16.945	276	520372	36.803	ng	99
88) Benzo(b)fluoranthene	15.051	252	513122	42.366	ng	99
89) Benzo(k)fluoranthene	15.080	252	374431	34.835	ng	100
90) Benzo(a)pyrene	15.415	252	415238	39.251	ng	100
91) Dibenzo(a,h)anthracene	16.962	278	432184	37.273	ng	99
92) Benzo(g,h,i)perylene	17.392	276	440665	36.234	ng	98

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

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