Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090524\
Data File : BF139250.D
Acq On : 05 Sep 2024 09:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Sep 05 10:47:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	124145	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	460597	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	251351	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	459283	20.000	ng	0.00
76) Chrysene-d12	14.057	240	244329	20.000	ng	0.00
86) Perylene-d12	15.527	264	229495	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	582964	78.555	ng	0.00
7) Phenol-d6	6.516	99	779620	78.694	ng	0.00
23) Nitrobenzene-d5	7.451	82	695540	78.559	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	174192	80.256	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1229587	75.514	ng	0.00
79) Terphenyl-d14	13.004	244	1181997	78.109	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	137166	39.690	ng	98
3) Pyridine	3.422	79	333993	40.037	ng	99
4) n-Nitrosodimethylamine	3.381	42	214748	39.642	ng	100
6) Aniline	6.551	93	359129	39.421	ng	99
8) 2-Chlorophenol	6.675	128	303428	39.452	ng	99
9) Benzaldehyde	6.440	77	220434	36.758	ng	100
10) Phenol	6.528	94	418600	40.058	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	296206	39.565	ng	98
12) 1,3-Dichlorobenzene	6.828	146	339599	39.010	ng	98
13) 1,4-Dichlorobenzene	6.910	146	342845	39.347	ng	99
14) 1,2-Dichlorobenzene	7.063	146	322928	39.738	ng	98
15) Benzyl Alcohol	7.028	79	286675	39.679	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	555527	38.980	ng	99
17) 2-Methylphenol	7.140	107	247434	39.385	ng	99
18) Hexachloroethane	7.404	117	122256	39.285	ng	100
19) n-Nitroso-di-n-propyla...	7.304	70	226784	39.746	ng	100
20) 3+4-Methylphenols	7.292	107	315522	39.850	ng	97
22) Acetophenone	7.298	105	423973	38.638	ng	99
24) Nitrobenzene	7.475	77	366148	38.963	ng	98
25) Isophorone	7.710	82	587760	38.830	ng	100
26) 2-Nitrophenol	7.787	139	149797	40.586	ng	99
27) 2,4-Dimethylphenol	7.822	122	210388	39.968	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	353002	39.142	ng	99
29) 2,4-Dichlorophenol	8.028	162	245719	38.987	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	282881	39.299	ng	100
31) Naphthalene	8.198	128	905968	38.841	ng	100
32) Benzoic acid	7.928	122	187660	39.139	ng	99
33) 4-Chloroaniline	8.239	127	309124	38.275	ng	99
34) Hexachlorobutadiene	8.310	225	178323	39.095	ng	100
35) Caprolactam	8.610	113	81615	41.829	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	274824	40.014	ng	99
37) 2-Methylnaphthalene	8.886	142	567252	38.870	ng	99
38) 1-Methylnaphthalene	8.986	142	556657	38.784	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	273418	38.448	ng	99
41) Hexachlorocyclopentadiene	9.039	237	88664	38.795	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	185574	39.884	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	192697	39.521	ng	100
46) 1,1'-Biphenyl	9.351	154	714482	38.366	ng	100
47) 2-Chloronaphthalene	9.375	162	542650	38.591	ng	100
48) 2-Nitroaniline	9.469	65	194287	40.114	ng	99
49) Acenaphthylene	9.792	152	817572	38.603	ng	100
50) Dimethylphthalate	9.651	163	593112	38.932	ng	99
51) 2,6-Dinitrotoluene	9.710	165	140817	40.745	ng	100
52) Acenaphthene	9.963	154	540889	38.505	ng	98
53) 3-Nitroaniline	9.881	138	145987	39.646	ng	96
54) 2,4-Dinitrophenol	9.981	184	56372	35.729	ng	95
55) Dibenzofuran	10.133	168	780139	38.737	ng	99
56) 4-Nitrophenol	10.028	139	113816	41.877	ng	99
57) 2,4-Dinitrotoluene	10.110	165	185737	42.223	ng	99
58) Fluorene	10.475	166	598154	38.307	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	156725	40.834	ng	98
60) Diethylphthalate	10.351	149	602616	40.195	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	291095	38.657	ng	99
62) 4-Nitroaniline	10.492	138	148754	42.439	ng	98
63) Azobenzene	10.628	77	617644	39.088	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	82774	39.005	ng	99
66) n-Nitrosodiphenylamine	10.586	169	522368	39.073	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	172086	38.618	ng	96
68) Hexachlorobenzene	11.022	284	196776	38.574	ng	99
69) Atrazine	11.110	200	126001	40.851	ng	98
70) Pentachlorophenol	11.216	266	121552	41.250	ng	98
71) Phenanthrene	11.439	178	832266	38.790	ng	100
72) Anthracene	11.492	178	826438	39.431	ng	100
73) Carbazole	11.645	167	793317	40.497	ng	100
74) Di-n-butylphthalate	11.975	149	878212	43.784	ng	100
75) Fluoranthene	12.627	202	915887	42.579	ng	99
77) Benzidine	12.751	184	243064	49.407	ng	99
78) Pyrene	12.857	202	911985	38.639	ng	99
80) Butylbenzylphthalate	13.474	149	268115	48.255	ng	99
81) Benzo(a)anthracene	14.045	228	611122	39.171	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	164934	39.807	ng	98
83) Chrysene	14.080	228	558933	38.385	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	284436	43.615	ng	100
85) Di-n-octyl phthalate	14.651	149	414215	33.175	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	488263	34.056	ng	99
88) Benzo(b)fluoranthene	15.098	252	517255	39.137	ng	100
89) Benzo(k)fluoranthene	15.127	252	497006	41.940	ng	99
90) Benzo(a)pyrene	15.468	252	449362	40.041	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	399514	33.814	ng	99
92) Benzo(g,h,i)perylene	17.462	276	390741	32.039	ng	99

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

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