Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090424\
Data File : BF139237.D
Acq On : 04 Sep 2024 13:06
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Sep 04 15:46:28 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 15:37:35 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	127343	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	466096	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	250053	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	454515	20.000	ng	0.00
76) Chrysene-d12	14.051	240	223572	20.000	ng	0.00
86) Perylene-d12	15.527	264	208855	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	321461	42.229	ng	0.00
7) Phenol-d6	6.510	99	424661	41.788	ng	0.00
23) Nitrobenzene-d5	7.451	82	375298	41.682	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	92216	42.707	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	703150	43.407	ng	0.00
79) Terphenyl-d14	12.998	244	624981	45.135	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	73512	20.737	ng	98
3) Pyridine	3.428	79	178210	20.826	ng	99
4) n-Nitrosodimethylamine	3.375	42	113979	20.512	ng	99
6) Aniline	6.545	93	195672	20.939	ng	99
8) 2-Chlorophenol	6.669	128	165656	20.998	ng	99
9) Benzaldehyde	6.439	77	133645	21.726	ng	99
10) Phenol	6.522	94	225821	21.067	ng	96
11) bis(2-Chloroethyl)ether	6.622	93	160277	20.871	ng	100
12) 1,3-Dichlorobenzene	6.828	146	186620	20.899	ng	99
13) 1,4-Dichlorobenzene	6.904	146	189720	21.227	ng	98
14) 1,2-Dichlorobenzene	7.057	146	177091	21.244	ng	99
15) Benzyl Alcohol	7.028	79	155766	21.018	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	305339	20.887	ng	100
17) 2-Methylphenol	7.134	107	133760	20.756	ng	99
18) Hexachloroethane	7.404	117	66152	20.723	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	121241	20.537	ng	98
20) 3+4-Methylphenols	7.286	107	172222	21.205	ng	98
22) Acetophenone	7.292	105	234854	21.150	ng	99
24) Nitrobenzene	7.469	77	198125	20.835	ng	99
25) Isophorone	7.704	82	318709	20.807	ng	100
26) 2-Nitrophenol	7.786	139	77596	20.776	ng	98
27) 2,4-Dimethylphenol	7.816	122	110275	20.702	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	191424	20.975	ng	99
29) 2,4-Dichlorophenol	8.022	162	135034	21.172	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	151242	20.763	ng	100
31) Naphthalene	8.192	128	497732	21.087	ng	100
32) Benzoic acid	7.904	122	92208	19.041	ng	97
33) 4-Chloroaniline	8.239	127	169689	20.763	ng	98
34) Hexachlorobutadiene	8.310	225	96729	20.957	ng	99
35) Caprolactam	8.592	113	41149	20.841	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	146086	21.019	ng	98
37) 2-Methylnaphthalene	8.886	142	312507	21.162	ng	98
38) 1-Methylnaphthalene	8.980	142	304662	20.977	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	150046	21.209	ng	98
41) Hexachlorocyclopentadiene	9.033	237	47473	20.880	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	94989	20.521	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	104274	21.497	ng		97
46) 1,1'-Biphenyl	9.345	154	394008	21.267	ng		98
47) 2-Chloronaphthalene	9.375	162	298496	21.338	ng		98
48) 2-Nitroaniline	9.463	65	100000	20.754	ng		98
49) Acenaphthylene	9.786	152	449350	21.327	ng		100
50) Dimethylphthalate	9.645	163	320501	21.147	ng		100
51) 2,6-Dinitrotoluene	9.704	165	72305	21.030	ng		98
52) Acenaphthene	9.963	154	294277	21.058	ng		99
53) 3-Nitroaniline	9.875	138	77560	21.172	ng		95
54) 2,4-Dinitrophenol	9.975	184	24750	19.972	ng	#	12
55) Dibenzofuran	10.133	168	429870	21.455	ng		99
56) 4-Nitrophenol	10.022	139	57702	21.341	ng		99
57) 2,4-Dinitrotoluene	10.104	165	92673	21.177	ng		97
58) Fluorene	10.475	166	329397	21.205	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	80567	21.100	ng		99
60) Diethylphthalate	10.345	149	315606	21.161	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	161272	21.528	ng		99
62) 4-Nitroaniline	10.486	138	74954	21.495	ng		96
63) Azobenzene	10.627	77	333052	21.187	ng		99
65) 4,6-Dinitro-2-methylph...	10.510	198	39562	18.838	ng		100
66) n-Nitrosodiphenylamine	10.586	169	278168	21.025	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	91835	20.825	ng		99
68) Hexachlorobenzene	11.022	284	105401	20.878	ng		98
69) Atrazine	11.110	200	64688	21.192	ng		99
70) Pentachlorophenol	11.210	266	61716	21.163	ng		98
71) Phenanthrene	11.439	178	452535	21.313	ng		99
72) Anthracene	11.486	178	441975	21.308	ng		100
73) Carbazole	11.639	167	425981	21.974	ng		99
74) Di-n-butylphthalate	11.974	149	430270	21.677	ng		99
75) Fluoranthene	12.621	202	476992	22.408	ng		99
77) Benzidine	12.745	184	90496	20.103	ng		99
78) Pyrene	12.857	202	485541	22.482	ng		100
80) Butylbenzylphthalate	13.474	149	105731	20.796	ng		97
81) Benzo(a)anthracene	14.039	228	295944	20.730	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	76070	20.064	ng		99
83) Chrysene	14.074	228	279984	21.013	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	114395	19.170	ng		100
85) Di-n-octyl phthalate	14.651	149	199098	17.426	ng		99
87) Indeno(1,2,3-cd)pyrene	17.003	276	268238	20.559	ng		99
88) Benzo(b)fluoranthene	15.092	252	266088	22.123	ng		100
89) Benzo(k)fluoranthene	15.121	252	210971	19.562	ng		98
90) Benzo(a)pyrene	15.462	252	213036	20.859	ng		98
91) Dibenzo(a,h)anthracene	17.027	278	225150	20.940	ng		100
92) Benzo(g,h,i)perylene	17.451	276	232777	20.973	ng		99

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

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