Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139416.D
Acq On : 18 Sep 2024 09:47
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Sep 18 11:16:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	76865	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	276321	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	158632	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	286086	20.000	ng	0.00
76) Chrysene-d12	14.033	240	148789	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	133546	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	342445	72.679	ng	0.00
7) Phenol-d6	6.510	99	454476	73.486	ng	0.00
23) Nitrobenzene-d5	7.445	82	452715	77.022	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	120709	71.475	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	833254	73.671	ng	0.00
79) Terphenyl-d14	12.980	244	767585	84.677	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	65759	34.786	ng	99
3) Pyridine	3.422	79	161327	38.708	ng	98
4) n-Nitrosodimethylamine	3.381	42	125644	34.781	ng	92
6) Aniline	6.545	93	189214	40.541	ng	98
8) 2-Chlorophenol	6.669	128	181471	37.415	ng	99
9) Benzaldehyde	6.434	77	132812	37.170	ng	98
10) Phenol	6.528	94	236148	37.491	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	174276	36.403	ng	99
12) 1,3-Dichlorobenzene	6.822	146	206531	37.442	ng	98
13) 1,4-Dichlorobenzene	6.898	146	208679	37.437	ng	99
14) 1,2-Dichlorobenzene	7.051	146	197389	37.476	ng	99
15) Benzyl Alcohol	7.022	79	186324	37.762	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	298596	40.471	ng	99
17) 2-Methylphenol	7.134	107	145710	37.812	ng	99
18) Hexachloroethane	7.392	117	80983	38.144	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	141369	38.574	ng	98
20) 3+4-Methylphenols	7.286	107	194883	37.069	ng	93
22) Acetophenone	7.292	105	273530	37.865	ng	97
24) Nitrobenzene	7.463	77	230621	38.123	ng	99
25) Isophorone	7.704	82	366618	39.440	ng	100
26) 2-Nitrophenol	7.781	139	95152	40.373	ng	97
27) 2,4-Dimethylphenol	7.816	122	122242	39.320	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	213561	40.311	ng	99
29) 2,4-Dichlorophenol	8.022	162	151584	38.381	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	175729	38.187	ng	98
31) Naphthalene	8.186	128	554225	38.420	ng	100
32) Benzoic acid	7.928	122	113542	39.026	ng	96
33) 4-Chloroaniline	8.233	127	172860	39.169	ng	100
34) Hexachlorobutadiene	8.298	225	120196	38.445	ng	100
35) Caprolactam	8.610	113	45533	37.479	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	173842	38.515	ng	99
37) 2-Methylnaphthalene	8.875	142	355560	38.832	ng	99
38) 1-Methylnaphthalene	8.975	142	345655	38.451	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	175318	37.291	ng	99
41) Hexachlorocyclopentadiene	9.022	237	64945	39.564	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	113032	36.954	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	123967	38.423	ng	98
46) 1,1'-Biphenyl	9.339	154	456865	37.436	ng	100
47) 2-Chloronaphthalene	9.363	162	343382	37.631	ng	99
48) 2-Nitroaniline	9.457	65	124709	36.744	ng	98
49) Acenaphthylene	9.780	152	508622	37.029	ng	100
50) Dimethylphthalate	9.639	163	386384	37.111	ng	100
51) 2,6-Dinitrotoluene	9.698	165	88816	38.507	ng	99
52) Acenaphthene	9.951	154	359173	37.466	ng	99
53) 3-Nitroaniline	9.869	138	88787	38.518	ng	94
54) 2,4-Dinitrophenol	9.975	184	47180	36.709	ng	92
55) Dibenzofuran	10.122	168	487828	36.509	ng	98
56) 4-Nitrophenol	10.022	139	67497	35.388	ng	91
57) 2,4-Dinitrotoluene	10.104	165	118142	37.939	ng	99
58) Fluorene	10.463	166	399581	36.652	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	100522	37.663	ng	98
60) Diethylphthalate	10.333	149	406212	37.807	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	197015	37.185	ng	97
62) 4-Nitroaniline	10.480	138	90068	35.802	ng	95
63) Azobenzene	10.616	77	397721	37.635	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	62149	41.160	ng	97
66) n-Nitrosodiphenylamine	10.574	169	325828	38.955	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	113737	40.118	ng	100
68) Hexachlorobenzene	11.010	284	128105	38.501	ng	98
69) Atrazine	11.098	200	74071	37.198	ng	99
70) Pentachlorophenol	11.204	266	77816	38.976	ng	99
71) Phenanthrene	11.427	178	526409	38.139	ng	99
72) Anthracene	11.474	178	515282	38.183	ng	99
73) Carbazole	11.633	167	484796	37.535	ng	99
74) Di-n-butylphthalate	11.957	149	597583	41.533	ng	100
75) Fluoranthene	12.610	202	547372	37.135	ng	99
77) Benzidine	12.733	184	100165	46.988	ng	99
78) Pyrene	12.839	202	542548	42.468	ng	99
80) Butylbenzylphthalate	13.457	149	192424	44.250	ng	97
81) Benzo(a)anthracene	14.021	228	383570	38.918	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	109681	38.001	ng	100
83) Chrysene	14.063	228	334929	36.938	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	244923	44.275	ng	98
85) Di-n-octyl phthalate	14.621	149	359409	44.116	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	316509	39.857	ng	99
88) Benzo(b)fluoranthene	15.074	252	306185	37.175	ng	99
89) Benzo(k)fluoranthene	15.104	252	298114	39.256	ng	100
90) Benzo(a)pyrene	15.439	252	263601	38.590	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	261521	39.855	ng	99
92) Benzo(g,h,i)perylene	17.427	276	264049	40.641	ng	99

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

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