Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
Data File : BF137476.D
Acq On : 04 Mar 2024 12:48
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Mar 04 13:10:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 00:26:53 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	220649	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	878852	20.000	ng		0.01
39) Acenaphthene-d10	9.898	164	497922	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	850433	20.000	ng		0.01
76) Chrysene-d12	14.057	240	469869	20.000	ng		0.00
86) Perylene-d12	15.586	264	422856	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1170535	80.346	ng		0.00
7) Phenol-d6	6.510	99	1654452	78.673	ng		0.00
23) Nitrobenzene-d5	7.434	82	1472683	77.859	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	365665	83.626	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	2346387	73.765	ng		0.00
79) Terphenyl-d14	12.998	244	2654398	77.683	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	316027	39.672	ng		99
3) Pyridine	3.475	79	801240	41.705	ng		99
4) n-Nitrosodimethylamine	3.457	42	309308	40.399	ng		94
6) Aniline	6.540	93	1058075	41.177	ng		100
8) 2-Chlorophenol	6.657	128	619476	40.314	ng		96
9) Benzaldehyde	6.428	77	440134	42.721	ng		99
10) Phenol	6.528	94	910580	40.229	ng		97
11) bis(2-Chloroethyl)ether	6.616	93	658440	39.697	ng		98
12) 1,3-Dichlorobenzene	6.810	146	651051	39.650	ng		98
13) 1,4-Dichlorobenzene	6.887	146	670662	39.920	ng		100
14) 1,2-Dichlorobenzene	7.034	146	604735	39.217	ng		99
15) Benzyl Alcohol	7.010	79	533139	40.722	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1098345	38.523	ng		98
17) 2-Methylphenol	7.122	107	582348	40.501	ng		99
18) Hexachloroethane	7.375	117	227165	41.065	ng		99
19) n-Nitroso-di-n-propyla...	7.287	70	489986	37.732	ng		98
20) 3+4-Methylphenols	7.275	107	648055	39.353	ng		98
22) Acetophenone	7.275	105	822188	38.665	ng	#	94
24) Nitrobenzene	7.451	77	759797	39.988	ng		97
25) Isophorone	7.687	82	1407928	39.180	ng		98
26) 2-Nitrophenol	7.763	139	314518	41.694	ng		96
27) 2,4-Dimethylphenol	7.804	122	567325	40.249	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	841094	39.893	ng		99
29) 2,4-Dichlorophenol	8.004	162	536440	41.467	ng		97
30) 1,2,4-Trichlorobenzene	8.087	180	539842	39.655	ng		97
31) Naphthalene	8.163	128	1849365	39.220	ng		100
32) Benzoic acid	7.934	122	281059	36.380	ng		99
33) 4-Chloroaniline	8.216	127	783828	42.392	ng		98
34) Hexachlorobutadiene	8.281	225	322691	40.150	ng		99
35) Caprolactam	8.598	113	183094	41.740	ng		97
36) 4-Chloro-3-methylphenol	8.698	107	581268	40.198	ng		97
37) 2-Methylnaphthalene	8.857	142	1174213	39.062	ng		99
38) 1-Methylnaphthalene	8.957	142	1091228	38.548	ng		98
40) 1,2,4,5-Tetrachloroben...	9.022	216	554185	39.867	ng		99
41) Hexachlorocyclopentadiene	9.004	237	313690	57.842	ng		99
43) 2,4,6-Trichlorophenol	9.134	196	362565	40.053	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	417252	40.014	ng	96
46) 1,1'-Biphenyl	9.322	154	1406523	38.595	ng	99
47) 2-Chloronaphthalene	9.345	162	1083416	38.993	ng	98
48) 2-Nitroaniline	9.445	65	397908	42.134	ng	91
49) Acenaphthylene	9.763	152	1736110	39.044	ng	100
50) Dimethylphthalate	9.634	163	1368950	39.495	ng	100
51) 2,6-Dinitrotoluene	9.692	165	295434	40.751	ng	99
52) Acenaphthene	9.939	154	1024576	38.596	ng	99
53) 3-Nitroaniline	9.863	138	318158	41.490	ng	100
54) 2,4-Dinitrophenol	9.969	184	117397	38.012	ng	98
55) Dibenzofuran	10.110	168	1578549	39.042	ng	98
56) 4-Nitrophenol	10.028	139	199842	39.084	ng	96
57) 2,4-Dinitrotoluene	10.098	165	368395	41.361	ng	99
58) Fluorene	10.451	166	1163825	37.481	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.228	232	338982	40.538	ng	93
60) Diethylphthalate	10.334	149	1290868	39.438	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	576135	37.859	ng	98
62) 4-Nitroaniline	10.486	138	280569	42.570	ng	96
63) Azobenzene	10.610	77	1460661	38.755	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	199341	42.056	ng	95
66) n-Nitrosodiphenylamine	10.569	169	1082052	39.512	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	377031	40.704	ng	97
68) Hexachlorobenzene	10.998	284	376382	40.231	ng	99
69) Atrazine	11.104	200	342305	41.118	ng	98
70) Pentachlorophenol	11.198	266	238439	42.160	ng	99
71) Phenanthrene	11.422	178	1800456	38.902	ng	98
72) Anthracene	11.475	178	1869602	39.331	ng	100
73) Carbazole	11.633	167	1624553	39.899	ng	99
74) Di-n-butylphthalate	11.969	149	1930483	39.850	ng	99
75) Fluoranthene	12.616	202	1782269	39.396	ng	99
77) Benzidine	12.745	184	515997	44.874	ng	99
78) Pyrene	12.845	202	1845882	40.037	ng	99
80) Butylbenzylphthalate	13.480	149	501966	42.632	ng	99
81) Benzo(a)anthracene	14.045	228	1311097	39.811	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	384682	43.863	ng	100
83) Chrysene	14.086	228	1348073	40.501	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	620953	41.492	ng	100
85) Di-n-octyl phthalate	14.674	149	1014226	36.663	ng	100
87) Indeno(1,2,3-cd)pyrene	17.180	276	1149428	41.306	ng	98
88) Benzo(b)fluoranthene	15.127	252	1010876	40.413	ng	99
89) Benzo(k)fluoranthene	15.163	252	1106168	41.172	ng	98
90) Benzo(a)pyrene	15.521	252	1011214	41.024	ng	99
91) Dibenzo(a,h)anthracene	17.204	278	938706	41.585	ng	98
92) Benzo(g,h,i)perylene	17.662	276	961446	41.473	ng	99

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

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