Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
Data File : BF138516.D
Acq On : 11 Jul 2024 11:27
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 11 12:37:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	105808	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	418460	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	235364	20.000	ng		0.00
64) Phenanthrene-d10	11.386	188	401703	20.000	ng		0.00
76) Chrysene-d12	14.021	240	204551	20.000	ng	#	0.00
86) Perylene-d12	15.486	264	182899	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	530688	79.434	ng		0.00
7) Phenol-d6	6.504	99	706042	79.442	ng		0.00
23) Nitrobenzene-d5	7.433	82	671562	78.794	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	174090	79.142	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	1155861	76.754	ng		0.00
79) Terphenyl-d14	12.968	244	1019020	81.158	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.651	88	120805	40.828	ng		99
3) Pyridine	3.404	79	303590	41.606	ng		98
4) n-Nitrosodimethylamine	3.369	42	192770	40.582	ng		96
6) Aniline	6.534	93	337272	40.516	ng		98
8) 2-Chlorophenol	6.657	128	284103	40.217	ng		100
9) Benzaldehyde	6.416	77	162392	34.137	ng		94
10) Phenol	6.516	94	378497	40.122	ng		98
11) bis(2-Chloroethyl)ether	6.604	93	283737	39.949	ng		99
12) 1,3-Dichlorobenzene	6.810	146	316486	39.857	ng		98
13) 1,4-Dichlorobenzene	6.886	146	318496	39.498	ng		99
14) 1,2-Dichlorobenzene	7.039	146	295756	39.381	ng		99
15) Benzyl Alcohol	7.010	79	261733	39.241	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	537367	38.473	ng		98
17) 2-Methylphenol	7.122	107	228676	39.498	ng		98
18) Hexachloroethane	7.375	117	119838	40.426	ng		95
19) n-Nitroso-di-n-propyla...	7.281	70	210397	38.313	ng		98
20) 3+4-Methylphenols	7.275	107	284901	39.078	ng	#	88
22) Acetophenone	7.281	105	393992	38.767	ng		98
24) Nitrobenzene	7.451	77	344763	39.805	ng		98
25) Isophorone	7.686	82	578452	39.521	ng		99
26) 2-Nitrophenol	7.763	139	154775	41.693	ng		93
27) 2,4-Dimethylphenol	7.804	122	180964	39.663	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	342524	39.157	ng		99
29) 2,4-Dichlorophenol	8.010	162	236245	39.874	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	272778	39.521	ng		98
31) Naphthalene	8.169	128	854443	39.261	ng		99
32) Benzoic acid	7.933	122	188201	43.249	ng		96
33) 4-Chloroaniline	8.222	127	293570	38.445	ng		99
34) Hexachlorobutadiene	8.286	225	169816	39.955	ng		100
35) Caprolactam	8.604	113	76925	40.235	ng		90
36) 4-Chloro-3-methylphenol	8.704	107	263589	39.739	ng		99
37) 2-Methylnaphthalene	8.863	142	548485	39.163	ng		97
38) 1-Methylnaphthalene	8.963	142	530677	38.825	ng		97
40) 1,2,4,5-Tetrachloroben...	9.027	216	258134	39.351	ng		99
41) Hexachlorocyclopentadiene	9.010	237	85038	39.939	ng		100
43) 2,4,6-Trichlorophenol	9.139	196	166309	39.746	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	184469	40.082	ng		94
46) 1,1'-Biphenyl	9.327	154	693159	38.861	ng		99
47) 2-Chloronaphthalene	9.351	162	524015	38.888	ng		99
48) 2-Nitroaniline	9.451	65	187089	40.066	ng		99
49) Acenaphthylene	9.769	152	743090	38.841	ng		100
50) Dimethylphthalate	9.627	163	592613	38.939	ng		99
51) 2,6-Dinitrotoluene	9.692	165	140234	40.019	ng		98
52) Acenaphthene	9.939	154	497989	39.159	ng		99
53) 3-Nitroaniline	9.863	138	143648	39.996	ng		98
54) 2,4-Dinitrophenol	9.963	184	72409	40.924	ng		97
55) Dibenzofuran	10.110	168	708871	38.430	ng		100
56) 4-Nitrophenol	10.022	139	105577	39.840	ng		99
57) 2,4-Dinitrotoluene	10.092	165	185387	40.889	ng		97
58) Fluorene	10.451	166	556828	38.152	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.227	232	146679	40.384	ng		99
60) Diethylphthalate	10.322	149	572302	39.007	ng		100
61) 4-Chlorophenyl-phenyle...	10.445	204	280340	38.252	ng		99
62) 4-Nitroaniline	10.474	138	141707	39.374	ng		99
63) Azobenzene	10.604	77	605443	38.382	ng		99
65) 4,6-Dinitro-2-methylph...	10.504	198	102971	44.394	ng		97
66) n-Nitrosodiphenylamine	10.563	169	469668	39.024	ng		98
67) 4-Bromophenyl-phenylether	10.933	248	164309	39.796	ng		96
68) Hexachlorobenzene	10.998	284	182023	39.685	ng		95
69) Atrazine	11.086	200	152882	38.314	ng		97
70) Pentachlorophenol	11.192	266	114805	42.300	ng		98
71) Phenanthrene	11.416	178	791632	39.007	ng		100
72) Anthracene	11.463	178	793464	39.387	ng		99
73) Carbazole	11.621	167	712146	39.336	ng		100
74) Di-n-butylphthalate	11.945	149	847483	40.611	ng		99
75) Fluoranthene	12.598	202	820358	39.615	ng		98
77) Benzidine	12.721	184	173767	33.671	ng		99
78) Pyrene	12.827	202	826600	39.808	ng		100
80) Butylbenzylphthalate	13.445	149	275056	44.034	ng		94
81) Benzo(a)anthracene	14.015	228	541217	39.432	ng		99
82) 3,3'-Dichlorobenzidine	13.974	252	137950	39.005	ng	#	98
83) Chrysene	14.051	228	514770	39.646	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	285567	42.866	ng		99
85) Di-n-octyl phthalate	14.609	149	407760	38.745	ng		100
87) Indeno(1,2,3-cd)pyrene	16.962	276	498763	40.598	ng		100
88) Benzo(b)fluoranthene	15.057	252	413418	40.136	ng		99
89) Benzo(k)fluoranthene	15.092	252	380875	37.914	ng		99
90) Benzo(a)pyrene	15.427	252	355992	39.343	ng		99
91) Dibenzo(a,h)anthracene	16.980	278	412379	41.035	ng		97
92) Benzo(g,h,i)perylene	17.409	276	420170	39.429	ng		95

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

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