Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
Data File : BF138736.D
Acq On : 02 Aug 2024 09:13
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 02 09:38:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	82479	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	327434	20.000	ng		0.00
39) Acenaphthene-d10	9.880	164	177546	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	306768	20.000	ng		0.00
76) Chrysene-d12	14.010	240	140164	20.000	ng		0.00
86) Perylene-d12	15.468	264	145528	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	419621	78.535	ng		0.00
7) Phenol-d6	6.487	99	567818	79.153	ng		0.00
23) Nitrobenzene-d5	7.416	82	531249	79.324	ng		0.00
42) 2,4,6-Tribromophenol	10.674	330	123425	84.867	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	912192	77.195	ng		0.00
79) Terphenyl-d14	12.951	244	773826	92.434	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	91481	39.107	ng		98
3) Pyridine	3.369	79	225559	39.805	ng		96
4) n-Nitrosodimethylamine	3.328	42	131255	38.891	ng		97
6) Aniline	6.510	93	252797	39.514	ng	#	83
8) 2-Chlorophenol	6.634	128	222281	39.541	ng		99
9) Benzaldehyde	6.398	77	198204	46.091	ng		100
10) Phenol	6.504	94	295634	39.141	ng		88
11) bis(2-Chloroethyl)ether	6.587	93	224939	38.701	ng		98
12) 1,3-Dichlorobenzene	6.786	146	245763	39.056	ng		99
13) 1,4-Dichlorobenzene	6.863	146	247425	38.962	ng		100
14) 1,2-Dichlorobenzene	7.016	146	229442	38.660	ng		99
15) Benzyl Alcohol	6.992	79	209759	40.569	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	368842	36.874	ng		95
17) 2-Methylphenol	7.104	107	182595	39.336	ng		99
18) Hexachloroethane	7.357	117	90998	38.067	ng		97
19) n-Nitroso-di-n-propyla...	7.263	70	169202	39.052	ng		96
20) 3+4-Methylphenols	7.263	107	232337	39.010	ng	#	90
22) Acetophenone	7.257	105	318097	39.677	ng		99
24) Nitrobenzene	7.434	77	268310	39.371	ng		97
25) Isophorone	7.669	82	446170	39.015	ng		99
26) 2-Nitrophenol	7.745	139	120392	41.062	ng		99
27) 2,4-Dimethylphenol	7.786	122	139760	39.840	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	270918	38.903	ng		99
29) 2,4-Dichlorophenol	7.992	162	183230	40.648	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	203382	39.097	ng		98
31) Naphthalene	8.151	128	671560	38.965	ng		99
32) Benzoic acid	7.922	122	110994	40.251	ng		99
33) 4-Chloroaniline	8.204	127	230823	39.897	ng		99
34) Hexachlorobutadiene	8.263	225	124520	39.519	ng		98
35) Caprolactam	8.580	113	59248	44.049	ng		96
36) 4-Chloro-3-methylphenol	8.686	107	211994	41.150	ng		100
37) 2-Methylnaphthalene	8.839	142	433750	39.849	ng		99
38) 1-Methylnaphthalene	8.939	142	420447	39.419	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	191995	38.928	ng		99
41) Hexachlorocyclopentadiene	8.986	237	43222	37.192	ng		99
43) 2,4,6-Trichlorophenol	9.122	196	120249	39.988	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	130130	39.584	ng	98
46) 1,1'-Biphenyl	9.304	154	547681	39.387	ng	100
47) 2-Chloronaphthalene	9.328	162	408393	39.490	ng	100
48) 2-Nitroaniline	9.428	65	145120	41.392	ng	98
49) Acenaphthylene	9.745	152	579859	39.533	ng	99
50) Dimethylphthalate	9.604	163	460314	40.547	ng	100
51) 2,6-Dinitrotoluene	9.675	165	110564	43.154	ng	96
52) Acenaphthene	9.916	154	385472	39.095	ng	99
53) 3-Nitroaniline	9.839	138	110225	41.617	ng	96
54) 2,4-Dinitrophenol	9.951	184	51148	43.368	ng	96
55) Dibenzofuran	10.086	168	550038	39.519	ng	99
56) 4-Nitrophenol	10.010	139	66719	41.890	ng	99
57) 2,4-Dinitrotoluene	10.075	165	143276	43.832	ng	98
58) Fluorene	10.433	166	446779	40.310	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	101689	40.461	ng	97
60) Diethylphthalate	10.304	149	441187	40.987	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	216195	39.661	ng	98
62) 4-Nitroaniline	10.457	138	113001	44.895	ng	98
63) Azobenzene	10.580	77	478045	40.042	ng	100
65) 4,6-Dinitro-2-methylph...	10.486	198	78074	41.716	ng	97
66) n-Nitrosodiphenylamine	10.545	169	375358	39.145	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	127220	38.304	ng	99
68) Hexachlorobenzene	10.980	284	134132	39.113	ng	96
69) Atrazine	11.069	200	98112	39.658	ng	98
70) Pentachlorophenol	11.174	266	60079	38.868	ng	100
71) Phenanthrene	11.392	178	620270	39.267	ng	99
72) Anthracene	11.445	178	617538	39.684	ng	100
73) Carbazole	11.604	167	551752	41.097	ng	99
74) Di-n-butylphthalate	11.927	149	658008	43.598	ng	100
75) Fluoranthene	12.580	202	619937	42.039	ng	100
77) Benzidine	12.704	184	124138	37.029	ng	99
78) Pyrene	12.810	202	618057	46.834	ng	100
80) Butylbenzylphthalate	13.421	149	176510	41.768	ng	99
81) Benzo(a)anthracene	13.998	228	402118	41.662	ng	100
82) 3,3'-Dichlorobenzidine	13.957	252	98636	39.934	ng	99
83) Chrysene	14.033	228	350418	40.241	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	209768	33.898	ng	100
85) Di-n-octyl phthalate	14.592	149	390171	34.078	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	406064	38.936	ng	99
88) Benzo(b)fluoranthene	15.045	252	350785	38.884	ng	99
89) Benzo(k)fluoranthene	15.074	252	314062	40.209	ng	99
90) Benzo(a)pyrene	15.409	252	301942	39.791	ng	99
91) Dibenzo(a,h)anthracene	16.956	278	324250	37.876	ng	99
92) Benzo(g,h,i)perylene	17.386	276	337205	37.958	ng	99

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

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