Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
Data File : BF138980.D
Acq On : 13 Aug 2024 18:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 14 00:35:15 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	6.840	152	51785	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	207114	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	116645	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	189295	20.000	ng		0.00
76) Chrysene-d12	14.004	240	91833	20.000	ng	#	0.00
86) Perylene-d12	15.463	264	96054	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	265612	79.176	ng		0.00
7) Phenol-d6	6.493	99	354990	78.816	ng		0.00
23) Nitrobenzene-d5	7.410	82	357934	84.494	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	76567	80.135	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	649715	83.689	ng		0.00
79) Terphenyl-d14	12.939	244	452309	82.463	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	52886	36.009	ng		95
3) Pyridine	3.352	79	133987	37.660	ng		96
4) n-Nitrosodimethylamine	3.322	42	98055	46.274	ng	#	78
6) Aniline	6.510	93	156505	38.963	ng	#	62
8) 2-Chlorophenol	6.634	128	142533	40.383	ng		99
9) Benzaldehyde	6.398	77	107809	39.930	ng		98
10) Phenol	6.504	94	184746	38.958	ng	#	76
11) bis(2-Chloroethyl)ether	6.581	93	135775	37.206	ng		99
12) 1,3-Dichlorobenzene	6.781	146	157115	39.767	ng		98
13) 1,4-Dichlorobenzene	6.857	146	160922	40.360	ng		100
14) 1,2-Dichlorobenzene	7.010	146	152008	40.794	ng		99
15) Benzyl Alcohol	6.992	79	140086	43.153	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	229625	36.563	ng		59
17) 2-Methylphenol	7.110	107	113964	39.103	ng	#	85
18) Hexachloroethane	7.345	117	61228	40.795	ng		98
19) n-Nitroso-di-n-propyla...	7.257	70	115287	42.379	ng		95
20) 3+4-Methylphenols	7.263	107	157753	42.187	ng	#	81
22) Acetophenone	7.257	105	216884	42.768	ng		97
24) Nitrobenzene	7.434	77	180002	41.758	ng		99
25) Isophorone	7.669	82	293556	40.583	ng		98
26) 2-Nitrophenol	7.745	139	75722	40.830	ng		94
27) 2,4-Dimethylphenol	7.781	122	89497	40.333	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	172466	39.152	ng		99
29) 2,4-Dichlorophenol	7.992	162	116276	40.780	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	134826	40.974	ng		100
31) Naphthalene	8.145	128	440670	40.422	ng		100
32) Benzoic acid	7.939	122	48396	27.746	ng		97
33) 4-Chloroaniline	8.198	127	141880	38.770	ng		97
34) Hexachlorobutadiene	8.251	225	86104	43.202	ng		100
35) Caprolactam	8.587	113	35494	41.719	ng		100
36) 4-Chloro-3-methylphenol	8.687	107	135139	41.471	ng		99
37) 2-Methylnaphthalene	8.834	142	284444	41.313	ng		99
38) 1-Methylnaphthalene	8.934	142	275762	40.873	ng		96
40) 1,2,4,5-Tetrachloroben...	8.998	216	130808	40.370	ng		98
41) Hexachlorocyclopentadiene	8.981	237	27520	36.260	ng		100
43) 2,4,6-Trichlorophenol	9.122	196	76478	38.711	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	82551	38.222	ng		97
46) 1,1'-Biphenyl	9.298	154	362438	39.674	ng		99
47) 2-Chloronaphthalene	9.322	162	268925	39.581	ng		98
48) 2-Nitroaniline	9.428	65	92860	40.315	ng		96
49) Acenaphthylene	9.739	152	373854	38.796	ng		99
50) Dimethylphthalate	9.598	163	308593	41.375	ng		100
51) 2,6-Dinitrotoluene	9.669	165	70120	41.658	ng	#	85
52) Acenaphthene	9.910	154	254959	39.359	ng		99
53) 3-Nitroaniline	9.845	138	66134	38.006	ng		100
54) 2,4-Dinitrophenol	9.957	184	28227	36.429	ng	#	79
55) Dibenzofuran	10.081	168	363179	39.718	ng		97
56) 4-Nitrophenol	10.022	139	41322	39.490	ng		89
57) 2,4-Dinitrotoluene	10.081	165	90572	42.175	ng	#	80
58) Fluorene	10.422	166	297904	40.911	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	63773	38.623	ng		97
60) Diethylphthalate	10.292	149	304949	43.121	ng		100
61) 4-Chlorophenyl-phenyle...	10.410	204	148369	41.429	ng		95
62) 4-Nitroaniline	10.457	138	60665	36.686	ng		84
63) Azobenzene	10.575	77	317099	40.429	ng		96
65) 4,6-Dinitro-2-methylph...	10.492	198	44162	38.240	ng		97
66) n-Nitrosodiphenylamine	10.533	169	241273	40.777	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	84230	41.098	ng		99
68) Hexachlorobenzene	10.969	284	85954	40.619	ng		98
69) Atrazine	11.063	200	60048	39.335	ng		97
70) Pentachlorophenol	11.175	266	34129	35.782	ng		99
71) Phenanthrene	11.386	178	388813	39.890	ng		100
72) Anthracene	11.439	178	388233	40.431	ng		99
73) Carbazole	11.598	167	314841	38.004	ng		99
74) Di-n-butylphthalate	11.916	149	419067	44.998	ng		99
75) Fluoranthene	12.575	202	348375	38.285	ng		98
77) Benzidine	12.698	184	68923	31.379	ng		98
78) Pyrene	12.804	202	339048	39.213	ng		99
80) Butylbenzylphthalate	13.410	149	120100	43.376	ng		98
81) Benzo(a)anthracene	13.992	228	247879	39.198	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	70081	43.306	ng		99
83) Chrysene	14.027	228	226141	39.637	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	158501	39.093	ng		98
85) Di-n-octyl phthalate	14.574	149	269261	35.895	ng		99
87) Indeno(1,2,3-cd)pyrene	16.945	276	223253	32.433	ng		95
88) Benzo(b)fluoranthene	15.039	252	228105	38.309	ng		98
89) Benzo(k)fluoranthene	15.068	252	220090	42.691	ng		98
90) Benzo(a)pyrene	15.404	252	202404	40.412	ng		98
91) Dibenzo(a,h)anthracene	16.951	278	176627	31.258	ng		97
92) Benzo(g,h,i)perylene	17.386	276	173845	29.648	ng		98

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

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