Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
Data File : BF138937.D
Acq On : 12 Aug 2024 16:46
Operator : RC/JU
Sample : P3394-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-105-SB02MS

Quant Time: Aug 12 17:09:23 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	38304	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	136036	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	57011	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	86117	20.000	ng		0.00
76) Chrysene-d12	14.004	240	74992	20.000	ng	#	0.00
86) Perylene-d12	15.468	264	51648	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	266335	107.333	ng		0.01
7) Phenol-d6	6.492	99	346548	104.021	ng		0.00
23) Nitrobenzene-d5	7.410	82	226293	81.330	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	48735	104.358	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	343647	90.567	ng		-0.01
79) Terphenyl-d14	12.939	244	308690	68.918	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	44438	40.905	ng		97
3) Pyridine	3.399	79	110000	41.799	ng		96
4) n-Nitrosodimethylamine	3.369	42	93765	59.824	ng		85
6) Aniline	6.510	93	87505	29.452	ng	#	15
8) 2-Chlorophenol	6.634	128	136733	52.374	ng		98
9) Benzaldehyde	6.398	77	6669	3.339	ng		86
10) Phenol	6.504	94	173900	49.577	ng		88
11) bis(2-Chloroethyl)ether	6.575	93	134679	49.894	ng		98
12) 1,3-Dichlorobenzene	6.781	146	147817	50.581	ng		97
13) 1,4-Dichlorobenzene	6.857	146	150820	51.139	ng		99
14) 1,2-Dichlorobenzene	7.010	146	139772	50.711	ng		98
15) Benzyl Alcohol	6.992	79	129880	54.090	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	231122	49.753	ng		53
17) 2-Methylphenol	7.110	107	106735	49.511	ng	#	83
18) Hexachloroethane	7.345	117	62521	56.318	ng		96
19) n-Nitroso-di-n-propyla...	7.257	70	106867	53.110	ng		96
20) 3+4-Methylphenols	7.263	107	139403	50.400	ng	#	76
22) Acetophenone	7.251	105	191774	57.575	ng		98
24) Nitrobenzene	7.428	77	154275	54.489	ng		99
25) Isophorone	7.663	82	267258	56.252	ng		97
26) 2-Nitrophenol	7.745	139	67876	55.722	ng		93
27) 2,4-Dimethylphenol	7.787	122	86558	59.391	ng		98
28) bis(2-Chloroethoxy)met...	7.869	93	160392	55.436	ng		98
29) 2,4-Dichlorophenol	7.992	162	98089	52.376	ng		98
30) 1,2,4-Trichlorobenzene	8.063	180	116963	54.118	ng		98
31) Naphthalene	8.145	128	389451	54.389	ng		100
32) Benzoic acid	7.928	122	38052	33.214	ng	#	84
33) 4-Chloroaniline	8.204	127	48782	20.295	ng		98
34) Hexachlorobutadiene	8.251	225	74008	56.535	ng		99
35) Caprolactam	8.569	113	25688	45.969	ng		96
36) 4-Chloro-3-methylphenol	8.692	107	97591	45.596	ng		100
37) 2-Methylnaphthalene	8.834	142	229288	50.702	ng		99
38) 1-Methylnaphthalene	8.934	142	205509	46.376	ng		98
40) 1,2,4,5-Tetrachloroben...	8.998	216	94618	59.745	ng		99
41) Hexachlorocyclopentadiene	8.981	237	22872	56.778	ng		99
43) 2,4,6-Trichlorophenol	9.122	196	53968	55.891	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	53394	50.582	ng		97
46) 1,1'-Biphenyl	9.298	154	255300	57.178	ng		98
47) 2-Chloronaphthalene	9.322	162	193457	58.257	ng		99
48) 2-Nitroaniline	9.428	65	66698	59.246	ng		96
49) Acenaphthylene	9.733	152	276905	58.793	ng		100
50) Dimethylphthalate	9.598	163	231356	63.466	ng		100
51) 2,6-Dinitrotoluene	9.669	165	45413	55.201	ng		92
52) Acenaphthene	9.910	154	166881	52.710	ng		99
53) 3-Nitroaniline	9.839	138	34354	40.394	ng		97
54) 2,4-Dinitrophenol	9.957	184	23992	63.352	ng	#	82
55) Dibenzofuran	10.080	168	240383	53.787	ng		98
56) 4-Nitrophenol	10.022	139	39351	76.942	ng		88
57) 2,4-Dinitrotoluene	10.075	165	54280	51.714	ng	#	78
58) Fluorene	10.422	166	184683	51.892	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	37161	46.047	ng		90
60) Diethylphthalate	10.292	149	204563	59.183	ng		100
61) 4-Chlorophenyl-phenyle...	10.410	204	95421	54.515	ng		96
62) 4-Nitroaniline	10.451	138	36820	45.557	ng	#	84
63) Azobenzene	10.575	77	199374	52.008	ng		97
65) 4,6-Dinitro-2-methylph...	10.486	198	22814	43.423	ng		95
66) n-Nitrosodiphenylamine	10.533	169	152472	56.642	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	51221	54.936	ng		99
68) Hexachlorobenzene	10.969	284	51176	53.159	ng		99
69) Atrazine	11.057	200	46577	67.066	ng		98
70) Pentachlorophenol	11.175	266	38552	88.845	ng		99
71) Phenanthrene	11.386	178	252914	57.035	ng		100
72) Anthracene	11.439	178	264044	60.444	ng		99
73) Carbazole	11.598	167	229481	60.889	ng		98
74) Di-n-butylphthalate	11.916	149	294002	69.392	ng		99
75) Fluoranthene	12.574	202	293133	70.810	ng		98
77) Benzidine	12.698	184	29235	16.299	ng		97
78) Pyrene	12.804	202	304343	43.104	ng		100
80) Butylbenzylphthalate	13.410	149	138421	61.220	ng		99
81) Benzo(a)anthracene	13.992	228	281260	54.464	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	58819	44.509	ng		98
83) Chrysene	14.027	228	254994	54.731	ng		99
84) Bis(2-ethylhexyl)phtha...	13.968	149	205585	62.093	ng		99
85) Di-n-octyl phthalate	14.574	149	314969	51.417	ng		100
87) Indeno(1,2,3-cd)pyrene	16.945	276	168152	45.431	ng		96
88) Benzo(b)fluoranthene	15.039	252	189109	59.066	ng		99
89) Benzo(k)fluoranthene	15.068	252	189389	68.321	ng		98
90) Benzo(a)pyrene	15.404	252	161723	60.052	ng		98
91) Dibenzo(a,h)anthracene	16.951	278	138544	45.599	ng		97
92) Benzo(g,h,i)perylene	17.386	276	124732	39.562	ng		97

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

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