Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
Data File : BF138938.D
Acq On : 12 Aug 2024 17:16
Operator : RC/JU
Sample : P3394-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-105-SB02MSD

Quant Time: Aug 12 17:50:08 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	6.840	152	42957	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	165199	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	76059	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	105350	20.000	ng		0.00
76) Chrysene-d12	14.004	240	76391	20.000	ng	#	0.00
86) Perylene-d12	15.468	264	54264	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	294788	105.932	ng		0.01
7) Phenol-d6	6.492	99	390285	104.460	ng		0.00
23) Nitrobenzene-d5	7.410	82	259302	76.741	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	60420	96.978	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	432486	85.435	ng		-0.01
79) Terphenyl-d14	12.939	244	333698	73.137	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	46342	38.037	ng	#	95
3) Pyridine	3.410	79	123265	41.766	ng		97
4) n-Nitrosodimethylamine	3.375	42	102594	58.366	ng		84
6) Aniline	6.510	93	104282	31.297	ng	#	6
8) 2-Chlorophenol	6.634	128	155493	53.108	ng		98
9) Benzaldehyde	6.398	77	7806	3.485	ng		100
10) Phenol	6.504	94	198559	50.475	ng		85
11) bis(2-Chloroethyl)ether	6.581	93	151177	49.940	ng		99
12) 1,3-Dichlorobenzene	6.781	146	164026	50.048	ng		98
13) 1,4-Dichlorobenzene	6.857	146	166595	50.370	ng		99
14) 1,2-Dichlorobenzene	7.010	146	158985	51.434	ng		99
15) Benzyl Alcohol	6.992	79	148457	55.130	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	253116	48.586	ng	#	50
17) 2-Methylphenol	7.110	107	120782	49.958	ng	#	83
18) Hexachloroethane	7.345	117	65730	52.795	ng		96
19) n-Nitroso-di-n-propyla...	7.257	70	120886	53.570	ng		97
20) 3+4-Methylphenols	7.263	107	163155	52.598	ng	#	78
22) Acetophenone	7.257	105	217470	53.764	ng		99
24) Nitrobenzene	7.428	77	179699	52.264	ng		98
25) Isophorone	7.669	82	311800	54.042	ng		99
26) 2-Nitrophenol	7.745	139	80454	54.388	ng		92
27) 2,4-Dimethylphenol	7.787	122	102832	58.101	ng		95
28) bis(2-Chloroethoxy)met...	7.875	93	186590	53.106	ng		99
29) 2,4-Dichlorophenol	7.992	162	122963	54.067	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	135918	51.787	ng		99
31) Naphthalene	8.145	128	456730	52.524	ng		99
32) Benzoic acid	7.934	122	53588	38.518	ng	#	79
33) 4-Chloroaniline	8.204	127	57888	19.832	ng		98
34) Hexachlorobutadiene	8.257	225	85282	53.647	ng		99
35) Caprolactam	8.581	113	34052	50.179	ng		96
36) 4-Chloro-3-methylphenol	8.692	107	128987	49.626	ng		99
37) 2-Methylnaphthalene	8.834	142	280920	51.154	ng		99
38) 1-Methylnaphthalene	8.934	142	254367	47.268	ng		100
40) 1,2,4,5-Tetrachloroben...	8.998	216	117702	55.708	ng		98
41) Hexachlorocyclopentadiene	8.981	237	21033	41.301	ng		97
43) 2,4,6-Trichlorophenol	9.122	196	72650	56.396	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	69742	49.522	ng		99
46) 1,1'-Biphenyl	9.298	154	320757	53.847	ng		99
47) 2-Chloronaphthalene	9.322	162	247637	55.896	ng		99
48) 2-Nitroaniline	9.428	65	85483	56.916	ng		95
49) Acenaphthylene	9.739	152	351366	55.919	ng		99
50) Dimethylphthalate	9.598	163	299946	61.675	ng		99
51) 2,6-Dinitrotoluene	9.669	165	59318	54.045	ng		89
52) Acenaphthene	9.910	154	215147	50.936	ng		100
53) 3-Nitroaniline	9.839	138	44016	38.793	ng		92
54) 2,4-Dinitrophenol	9.957	184	31464	62.275	ng	#	84
55) Dibenzofuran	10.081	168	309225	51.862	ng		98
56) 4-Nitrophenol	10.022	139	46304	67.864	ng		85
57) 2,4-Dinitrotoluene	10.075	165	72195	51.556	ng	#	82
58) Fluorene	10.422	166	237169	49.951	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	52710	48.957	ng		98
60) Diethylphthalate	10.298	149	272927	59.187	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	121783	52.151	ng		96
62) 4-Nitroaniline	10.457	138	44263	41.051	ng		85
63) Azobenzene	10.575	77	256706	50.193	ng		96
65) 4,6-Dinitro-2-methylph...	10.486	198	25430	39.566	ng		88
66) n-Nitrosodiphenylamine	10.533	169	200355	60.842	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	62414	54.720	ng		96
68) Hexachlorobenzene	10.975	284	62297	52.898	ng		96
69) Atrazine	11.063	200	57723	67.941	ng		97
70) Pentachlorophenol	11.175	266	45792	86.264	ng		97
71) Phenanthrene	11.386	178	296816	54.716	ng		100
72) Anthracene	11.439	178	299109	55.970	ng		99
73) Carbazole	11.598	167	258856	56.144	ng		99
74) Di-n-butylphthalate	11.916	149	345970	66.750	ng		99
75) Fluoranthene	12.574	202	308338	60.885	ng		98
77) Benzidine	12.698	184	31153	17.050	ng		96
78) Pyrene	12.804	202	318020	44.216	ng		99
80) Butylbenzylphthalate	13.416	149	148673	64.550	ng		96
81) Benzo(a)anthracene	13.992	228	269448	51.222	ng		100
82) 3,3'-Dichlorobenzidine	13.951	252	62818	46.664	ng		98
83) Chrysene	14.027	228	251042	52.896	ng		99
84) Bis(2-ethylhexyl)phtha...	13.968	149	216925	64.318	ng		98
85) Di-n-octyl phthalate	14.580	149	320186	51.312	ng		100
87) Indeno(1,2,3-cd)pyrene	16.945	276	171253	44.038	ng		96
88) Benzo(b)fluoranthene	15.039	252	206249	61.314	ng		99
89) Benzo(k)fluoranthene	15.068	252	160258	55.025	ng		99
90) Benzo(a)pyrene	15.404	252	156531	55.322	ng		99
91) Dibenzo(a,h)anthracene	16.951	278	138974	43.536	ng		98
92) Benzo(g,h,i)perylene	17.392	276	127999	38.641	ng		96

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

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