Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082824\
Data File : BF139206.D
Acq On : 28 Aug 2024 13:48
Operator : RC/JU
Sample : P3707-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

Quant Time: Aug 28 14:17:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 02:51:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	78910	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	303711	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	173500	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	279469	20.000	ng	0.00
76) Chrysene-d12	14.051	240	158339	20.000	ng	0.00
86) Perylene-d12	15.521	264	186597	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	436049	92.855	ng	0.01
7) Phenol-d6	6.522	99	597502	92.710	ng	0.00
23) Nitrobenzene-d5	7.451	82	427456	77.973	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	135038	90.877	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	542925	48.608	ng	0.00
79) Terphenyl-d14	12.992	244	346249	34.121	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.752	88	95319	42.921	ng	99
3) Pyridine	3.504	79	260956	47.281	ng	100
4) n-Nitrosodimethylamine	3.451	42	158597	49.358	ng	100
6) Aniline	6.551	93	258157	42.731	ng	96
8) 2-Chlorophenol	6.675	128	264536	59.292	ng	98
9) Benzaldehyde	6.440	77	128248	31.793	ng	99
10) Phenol	6.534	94	363274	55.851	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	262800	51.280	ng	98
12) 1,3-Dichlorobenzene	6.834	146	286634	48.718	ng	99
13) 1,4-Dichlorobenzene	6.910	146	284566	48.209	ng	99
14) 1,2-Dichlorobenzene	7.063	146	275747	49.650	ng	99
15) Benzyl Alcohol	7.034	79	282428	58.139	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	384083	51.699	ng	97
17) 2-Methylphenol	7.145	107	222060	54.597	ng	99
18) Hexachloroethane	7.404	117	104413	55.909	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	214086	55.539	ng	98
20) 3+4-Methylphenols	7.292	107	284938	54.921	ng	93
22) Acetophenone	7.298	105	381435	48.879	ng	97
24) Nitrobenzene	7.475	77	323156	50.417	ng	95
25) Isophorone	7.710	82	572217	52.782	ng	100
26) 2-Nitrophenol	7.787	139	135593	64.011	ng	99
27) 2,4-Dimethylphenol	7.822	122	214006	66.601	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	317823	50.636	ng	100
29) 2,4-Dichlorophenol	8.028	162	230426	58.098	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	242189	47.352	ng	99
31) Naphthalene	8.198	128	765248	49.277	ng	100
32) Benzoic acid	7.928	122	119869	44.487	ng	98
33) 4-Chloroaniline	8.239	127	128134	23.943	ng	99
34) Hexachlorobutadiene	8.310	225	159971	48.132	ng	100
35) Caprolactam	8.616	113	73720m	60.591	ng	
36) 4-Chloro-3-methylphenol	8.722	107	255084	56.079	ng	99
37) 2-Methylnaphthalene	8.886	142	505355	51.909	ng	99
38) 1-Methylnaphthalene	8.986	142	467162	49.096	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	249945	48.569	ng	98
41) Hexachlorocyclopentadiene	9.039	237	275547	166.748	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	175294	60.919	ng	99

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44) 2,4,5-Trichlorophenol	9.198	196	174199	57.755	ng		98
46) 1,1'-Biphenyl	9.351	154	633112	50.414	ng		99
47) 2-Chloronaphthalene	9.375	162	485530	48.461	ng		99
48) 2-Nitroaniline	9.469	65	171577	56.950	ng		95
49) Acenaphthylene	9.792	152	760986	53.905	ng		99
50) Dimethylphthalate	9.651	163	582489	58.118	ng		100
51) 2,6-Dinitrotoluene	9.710	165	125498	57.366	ng		92
52) Acenaphthene	9.963	154	512223	55.233	ng		99
53) 3-Nitroaniline	9.875	138	87244	40.632	ng		96
54) 2,4-Dinitrophenol	9.980	184	83450	81.234	ng	#	61
55) Dibenzofuran	10.133	168	694664	51.325	ng		99
56) 4-Nitrophenol	10.033	139	163103	88.520	ng		99
57) 2,4-Dinitrotoluene	10.110	165	169133	60.416	ng		94
58) Fluorene	10.475	166	545273	51.065	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	146659	60.669	ng		99
60) Diethylphthalate	10.351	149	565734	59.942	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	272199	51.943	ng		99
62) 4-Nitroaniline	10.492	138	104324	47.272	ng		97
63) Azobenzene	10.628	77	598064	52.127	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	64930	56.709	ng		96
66) n-Nitrosodiphenylamine	10.586	169	469838	56.766	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	168397	56.710	ng		98
68) Hexachlorobenzene	11.022	284	175882	54.731	ng		99
69) Atrazine	11.110	200	148792	82.420	ng		100
70) Pentachlorophenol	11.210	266	180271	95.548	ng		98
71) Phenanthrene	11.439	178	753237	53.336	ng		100
72) Anthracene	11.486	178	754269	54.791	ng		100
73) Carbazole	11.639	167	565166	45.893	ng		100
74) Di-n-butylphthalate	11.974	149	734270	68.794	ng		100
75) Fluoranthene	12.621	202	629870	45.958	ng		100
77) Benzidine	12.745	184	144427	54.054	ng		98
78) Pyrene	12.851	202	627823	42.211	ng		99
80) Butylbenzylphthalate	13.474	149	232204	73.382	ng		99
81) Benzo(a)anthracene	14.039	228	557839	53.172	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	158187	64.761	ng		99
83) Chrysene	14.074	228	517659	54.699	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	304892	79.725	ng		100
85) Di-n-octyl phthalate	14.645	149	537029	71.261	ng		97
87) Indeno(1,2,3-cd)pyrene	16.998	276	492408	38.594	ng		99
88) Benzo(b)fluoranthene	15.092	252	572379	52.438	ng		99
89) Benzo(k)fluoranthene	15.121	252	553284	56.065	ng		100
90) Benzo(a)pyrene	15.462	252	534309	57.669	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	390952	37.385	ng		98
92) Benzo(g,h,i)perylene	17.445	276	338641	31.307	ng		98

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

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