Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129451.D
Acq On : 29 Jul 2022 20:15
Operator : CG\JU
Sample : N3858-05MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-AMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

Quant Time: Jul 30 01:10:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 17:24:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	180863	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	722043	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	380037	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	614583	20.000	ng		0.00
76) Chrysene-d12	14.069	240	318973	20.000	ng		0.00
86) Perylene-d12	15.557	264	358781	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	1270661	114.446	ng		0.04
7) Phenol-d6	6.534	99	1473736	105.603	ng		0.02
23) Nitrobenzene-d5	7.451	82	1115732	84.353	ng		0.00
42) 2,4,6-Tribromophenol	10.728	330	451881	123.675	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1878309	76.457	ng		0.00
79) Terphenyl-d14	13.004	244	1733531	102.530	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.869	88	188487	37.627	ng	#	75
3) Pyridine	3.616	79	347593	24.986	ng		92
4) n-Nitrosodimethylamine	3.528	42	259087	42.412	ng	#	93
6) Aniline	6.551	93	226354	13.047	ng	#	1
8) 2-Chlorophenol	6.681	128	555258	45.776	ng		96
9) Benzaldehyde	6.440	77	188730	19.914	ng		97
10) Phenol	6.551	94	563757m	37.935	ng		
11) bis(2-Chloroethyl)ether	6.622	93	552990	46.920	ng		91
12) 1,3-Dichlorobenzene	6.828	146	562234	43.218	ng		99
13) 1,4-Dichlorobenzene	6.904	146	567046	42.859	ng		99
14) 1,2-Dichlorobenzene	7.057	146	545810	44.881	ng		100
15) Benzyl Alcohol	7.034	79	472723	46.706	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	729702	41.188	ng	#	28
17) 2-Methylphenol	7.151	107	422521	41.988	ng	#	91
18) Hexachloroethane	7.393	117	214946	43.146	ng	#	89
19) n-Nitroso-di-n-propyla...	7.298	70	380135	44.994	ng		95
20) 3+4-Methylphenols	7.304	107	531823	41.566	ng		93
22) Acetophenone	7.298	105	755243	44.927	ng	#	98
24) Nitrobenzene	7.475	77	590401	43.346	ng		93
25) Isophorone	7.710	82	1051156	44.335	ng		98
26) 2-Nitrophenol	7.787	139	294856	43.881	ng		95
27) 2,4-Dimethylphenol	7.828	122	497399m	49.349	ng		
28) bis(2-Chloroethoxy)met...	7.916	93	646711	47.020	ng		100
29) 2,4-Dichlorophenol	8.034	162	455291	43.765	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	458287	42.560	ng		96
31) Naphthalene	8.192	128	1560353	42.535	ng		100
32) Benzoic acid	7.951	122	164461	22.570	ng		99
33) 4-Chloroaniline	8.240	127	102548	6.809	ng		98
34) Hexachlorobutadiene	8.298	225	268934	43.937	ng		99
35) Caprolactam	8.628	113	121044m	35.788	ng		
36) 4-Chloro-3-methylphenol	8.739	107	489668	44.379	ng		95
37) 2-Methylnaphthalene	8.881	142	1046980	43.918	ng		99
38) 1-Methylnaphthalene	8.981	142	984691	42.788	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	447184	44.813	ng		98
41) Hexachlorocyclopentadiene	9.034	237	363846	81.882	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	311939	43.039	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	327980	41.612	ng	#	94
46) 1,1'-Biphenyl	9.345	154	1244565	44.873	ng		100
47) 2-Chloronaphthalene	9.375	162	980791	43.744	ng		99
48) 2-Nitroaniline	9.475	65	325077	43.602	ng		97
49) Acenaphthylene	9.792	152	1493632	43.842	ng		99
50) Dimethylphthalate	9.651	163	1173031	44.712	ng		100
51) 2,6-Dinitrotoluene	9.716	165	263179	44.820	ng		95
52) Acenaphthene	9.963	154	1005373m	45.182	ng		
53) 3-Nitroaniline	9.886	138	136592	19.699	ng		95
54) 2,4-Dinitrophenol	9.998	184	166660	55.597	ng		91
55) Dibenzofuran	10.139	168	1353007	44.109	ng		98
56) 4-Nitrophenol	10.069	139	290024	56.696	ng		92
57) 2,4-Dinitrotoluene	10.122	165	339750	44.291	ng		99
58) Fluorene	10.481	166	1075444	43.818	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	244129	40.080	ng		94
60) Diethylphthalate	10.351	149	1112599	43.870	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	484241	44.754	ng		91
62) 4-Nitroaniline	10.510	138	244164	35.497	ng		94
63) Azobenzene	10.628	77	1085712	41.972	ng		95
65) 4,6-Dinitro-2-methylph...	10.534	198	126884	32.710	ng		93
66) n-Nitrosodiphenylamine	10.592	169	919136	44.908	ng		97
67) 4-Bromophenyl-phenylether	10.963	248	311702	46.316	ng		95
68) Hexachlorobenzene	11.028	284	340457	46.689	ng		100
69) Atrazine	11.122	200	267510	43.031	ng		97
70) Pentachlorophenol	11.228	266	266898	67.328	ng		98
71) Phenanthrene	11.445	178	1455444	43.383	ng		99
72) Anthracene	11.498	178	1489902	45.192	ng		100
73) Carbazole	11.657	167	1241691	40.010	ng		99
74) Di-n-butylphthalate	11.975	149	1651825	44.694	ng		99
75) Fluoranthene	12.639	202	1303292	38.341	ng		99
77) Benzidine	12.757	184	106942	9.490	ng		97
78) Pyrene	12.869	202	1291889	48.434	ng		98
80) Butylbenzylphthalate	13.474	149	549763	47.518	ng		99
81) Benzo(a)anthracene	14.057	228	955610	43.858	ng		100
82) 3,3'-Dichlorobenzidine	14.016	252	199993	27.800	ng		99
83) Chrysene	14.092	228	878875	42.798	ng		100
84) Bis(2-ethylhexyl)phtha...	14.027	149	715079	46.947	ng		99
85) Di-n-octyl phthalate	14.645	149	1056515	48.202	ng		97
87) Indeno(1,2,3-cd)pyrene	17.080	276	1051519	43.522	ng		99
88) Benzo(b)fluoranthene	15.121	252	1001291	42.073	ng		100
89) Benzo(k)fluoranthene	15.151	252	972764	41.710	ng		100
90) Benzo(a)pyrene	15.498	252	899267	46.547	ng		98
91) Dibenzo(a,h)anthracene	17.098	278	911746	46.365	ng		99
92) Benzo(g,h,i)perylene	17.545	276	863763	42.986	ng		99

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

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