Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
Data File : BF130001.D
Acq On : 25 Aug 2022 16:03
Operator : CG\JU
Sample : N4353-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

Quant Time: Aug 26 00:58:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 14:45:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.757	152	117206	20.000	ng		0.00
21) Naphthalene-d8	8.039	136	467286	20.000	ng		0.00
39) Acenaphthene-d10	9.792	164	227903	20.000	ng		0.00
64) Phenanthrene-d10	11.280	188	322100	20.000	ng		0.00
76) Chrysene-d12	13.927	240	243441	20.000	ng		0.00
86) Perylene-d12	15.374	264	261410	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	798622	112.817	ng		0.01
7) Phenol-d6	6.422	99	963885	108.732	ng		0.00
23) Nitrobenzene-d5	7.328	82	642920	73.652	ng		0.00
42) 2,4,6-Tribromophenol	10.592	330	211552	92.488	ng		0.00
45) 2-Fluorobiphenyl	9.116	172	1105341	73.663	ng		0.00
79) Terphenyl-d14	12.863	244	826036	56.460	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.522	88	135384	46.356	ng		99
3) Pyridine	3.275	79	323080	42.272	ng		95
4) n-Nitrosodimethylamine	3.234	42	194134	55.117	ng		90
6) Aniline	6.428	93	359990	35.630	ng		90
8) 2-Chlorophenol	6.557	128	379700	48.182	ng		99
9) Benzaldehyde	6.316	77	217861	47.085	ng		99
10) Phenol	6.434	94	462186	47.531	ng		84
11) bis(2-Chloroethyl)ether	6.492	93	357963	48.477	ng		96
12) 1,3-Dichlorobenzene	6.692	146	407584	47.908	ng		98
13) 1,4-Dichlorobenzene	6.775	146	413400	47.556	ng		98
14) 1,2-Dichlorobenzene	6.928	146	385876	47.795	ng		99
15) Benzyl Alcohol	6.916	79	327851	48.989	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.028	45	488035	49.324	ng		79
17) 2-Methylphenol	7.033	107	307707	48.629	ng		95
18) Hexachloroethane	7.257	117	161769	49.556	ng		98
19) n-Nitroso-di-n-propyla...	7.175	70	277658	49.552	ng		97
20) 3+4-Methylphenols	7.192	107	397252	46.770	ng		98
22) Acetophenone	7.175	105	558902	49.081	ng	#	96
24) Nitrobenzene	7.345	77	408707	46.433	ng		92
25) Isophorone	7.586	82	722264	48.074	ng		99
26) 2-Nitrophenol	7.663	139	201492	46.539	ng		92
27) 2,4-Dimethylphenol	7.710	122	318852	51.352	ng		95
28) bis(2-Chloroethoxy)met...	7.792	93	437403	49.862	ng		99
29) 2,4-Dichlorophenol	7.916	162	307507	45.292	ng		97
30) 1,2,4-Trichlorobenzene	7.980	180	313267	43.737	ng		98
31) Naphthalene	8.063	128	1075947	44.037	ng		99
32) Benzoic acid	7.863	122	127625	46.321	ng		96
33) 4-Chloroaniline	8.122	127	213143	22.184	ng		98
34) Hexachlorobutadiene	8.169	225	198153	45.434	ng		99
35) Caprolactam	8.504	113	90656m	42.938	ng		
36) 4-Chloro-3-methylphenol	8.622	107	329155	44.938	ng		96
37) 2-Methylnaphthalene	8.751	142	692497	43.184	ng		98
38) 1-Methylnaphthalene	8.851	142	651836	41.826	ng		99
40) 1,2,4,5-Tetrachloroben...	8.916	216	305156	48.142	ng		98
41) Hexachlorocyclopentadiene	8.898	237	131937	69.896	ng		99
43) 2,4,6-Trichlorophenol	9.045	196	188395	45.744	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	194009	43.786	ng		97
46) 1,1'-Biphenyl	9.216	154	832744	48.098	ng		100
47) 2-Chloronaphthalene	9.245	162	643022	46.939	ng		99
48) 2-Nitroaniline	9.351	65	206411	47.679	ng		96
49) Acenaphthylene	9.657	152	926548	44.603	ng		100
50) Dimethylphthalate	9.522	163	740990	45.355	ng		100
51) 2,6-Dinitrotoluene	9.592	165	161809	45.657	ng		98
52) Acenaphthene	9.827	154	552834	43.864	ng		99
53) 3-Nitroaniline	9.769	138	103270	26.349	ng		99
54) 2,4-Dinitrophenol	9.886	184	92873	59.469	ng		94
55) Dibenzofuran	9.998	168	836242	44.165	ng		93
56) 4-Nitrophenol	9.963	139	127856	73.329	ng		93
57) 2,4-Dinitrotoluene	10.004	165	204473	44.445	ng		98
58) Fluorene	10.345	166	666412	42.152	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	125033	38.452	ng	#	74
60) Diethylphthalate	10.216	149	717450	44.041	ng		97
61) 4-Chlorophenyl-phenyle...	10.333	204	313113	44.133	ng		99
62) 4-Nitroaniline	10.386	138	140609m	35.562	ng		
63) Azobenzene	10.492	77	677555	43.514	ng		99
65) 4,6-Dinitro-2-methylph...	10.416	198	71467	37.795	ng		92
66) n-Nitrosodiphenylamine	10.457	169	555547	51.101	ng		99
67) 4-Bromophenyl-phenylether	10.821	248	187713	49.757	ng		98
68) Hexachlorobenzene	10.892	284	202011	49.432	ng		94
69) Atrazine	10.986	200	171857	51.504	ng		99
70) Pentachlorophenol	11.098	266	88315m	72.607	ng		
71) Phenanthrene	11.304	178	802612	44.616	ng		100
72) Anthracene	11.357	178	814692	45.541	ng		100
73) Carbazole	11.521	167	721907	44.454	ng		100
74) Di-n-butylphthalate	11.833	149	944064	45.170	ng		99
75) Fluoranthene	12.498	202	752760	40.893	ng		100
77) Benzidine	12.627	184	394059	70.473	ng		99
78) Pyrene	12.727	202	767699	36.289	ng		99
80) Butylbenzylphthalate	13.333	149	356123	39.783	ng		96
81) Benzo(a)anthracene	13.921	228	730873	43.643	ng		99
82) 3,3'-Dichlorobenzidine	13.880	252	227512	43.866	ng		98
83) Chrysene	13.957	228	679784	43.365	ng		99
84) Bis(2-ethylhexyl)phtha...	13.886	149	494383	46.552	ng		96
85) Di-n-octyl phthalate	14.498	149	857279	58.475	ng		99
87) Indeno(1,2,3-cd)pyrene	16.821	276	696064	38.786	ng		98
88) Benzo(b)fluoranthene	14.957	252	835461	46.673	ng		99
89) Benzo(k)fluoranthene	14.986	252	711843	41.467	ng		98
90) Benzo(a)pyrene	15.315	252	669554	47.499	ng		99
91) Dibenzo(a,h)anthracene	16.821	278	622210	42.020	ng		99
92) Benzo(g,h,i)perylene	17.256	276	566808	38.368	ng		99

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

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