Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
Data File : BF129884.D
Acq On : 18 Aug 2022 19:43
Operator : CG\JU
Sample : N4200-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 19 01:02:53 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 18 12:03:10 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
S13MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.793	152	109505	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	433312	20.000	ng		0.00
39) Acenaphthene-d10	9.834	164	216667	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	324365	20.000	ng		0.00
76) Chrysene-d12	13.974	240	202203	20.000	ng		0.00
86) Perylene-d12	15.433	264	248153	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	821304	124.180	ng		0.02
7) Phenol-d6	6.451	99	932581	112.599	ng		0.00
23) Nitrobenzene-d5	7.363	82	701860	86.709	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	274640	126.296	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	1263145	88.545	ng		0.00
79) Terphenyl-d14	12.904	244	1080838	88.943	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	110936	40.657	ng	#	84
3) Pyridine	3.428	79	233406	32.687	ng		98
4) n-Nitrosodimethylamine	3.322	42	158655	48.212	ng		96
6) Aniline	6.463	93	207194	21.949	ng	#	56
8) 2-Chlorophenol	6.593	128	342177	46.474	ng		99
9) Benzaldehyde	6.351	77	124284	25.619	ng		99
10) Phenol	6.463	94	355413	39.121	ng		89
11) bis(2-Chloroethyl)ether	6.528	93	338893	49.122	ng		97
12) 1,3-Dichlorobenzene	6.734	146	332013	41.770	ng		99
13) 1,4-Dichlorobenzene	6.810	146	341862	42.092	ng		98
14) 1,2-Dichlorobenzene	6.963	146	329493	43.681	ng		97
15) Benzyl Alcohol	6.945	79	298917	47.807	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	438797	47.466	ng		99
17) 2-Methylphenol	7.069	107	262849	44.461	ng		98
18) Hexachloroethane	7.298	117	129915	42.596	ng		95
19) n-Nitroso-di-n-propyla...	7.210	70	245099	46.818	ng		99
20) 3+4-Methylphenols	7.222	107	341922	43.086	ng		98
22) Acetophenone	7.210	105	498711	47.229	ng		97
24) Nitrobenzene	7.381	77	362752	44.443	ng		95
25) Isophorone	7.622	82	658313	47.252	ng		99
26) 2-Nitrophenol	7.698	139	183431	45.689	ng		98
27) 2,4-Dimethylphenol	7.740	122	290237	50.408	ng		98
28) bis(2-Chloroethoxy)met...	7.828	93	407667	50.116	ng		99
29) 2,4-Dichlorophenol	7.945	162	282150	44.815	ng		97
30) 1,2,4-Trichlorobenzene	8.016	180	279389	42.065	ng		98
31) Naphthalene	8.098	128	981928	43.340	ng		99
32) Benzoic acid	7.887	122	120481	46.945	ng		92
33) 4-Chloroaniline	8.157	127	170147	19.097	ng		98
34) Hexachlorobutadiene	8.204	225	171305	42.358	ng		100
35) Caprolactam	8.540	113	66168m	33.797	ng		
36) 4-Chloro-3-methylphenol	8.651	107	300602	44.258	ng		97
37) 2-Methylnaphthalene	8.787	142	647609	43.551	ng		100
38) 1-Methylnaphthalene	8.887	142	612526	42.385	ng		99
40) 1,2,4,5-Tetrachloroben...	8.957	216	291380	48.352	ng		98
41) Hexachlorocyclopentadiene	8.934	237	165449	82.915	ng		99
43) 2,4,6-Trichlorophenol	9.081	196	184691	47.171	ng		97

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44) 2,4,5-Trichlorophenol	9.128	196	191725	45.514	ng		98
46) 1,1'-Biphenyl	9.251	154	788726	47.918	ng		99
47) 2-Chloronaphthalene	9.281	162	601290	46.169	ng		99
48) 2-Nitroaniline	9.386	65	183979	44.701	ng		97
49) Acenaphthylene	9.698	152	905435	45.846	ng		100
50) Dimethylphthalate	9.557	163	683655	44.016	ng		99
51) 2,6-Dinitrotoluene	9.628	165	151839	45.066	ng		97
52) Acenaphthene	9.869	154	546058	45.573	ng		99
53) 3-Nitroaniline	9.798	138	92546	24.838	ng		92
54) 2,4-Dinitrophenol	9.922	184	118868	78.167	ng		93
55) Dibenzofuran	10.039	168	801007	44.498	ng		96
56) 4-Nitrophenol	9.992	139	120624	72.768	ng		99
57) 2,4-Dinitrotoluene	10.039	165	184492	42.182	ng		96
58) Fluorene	10.386	166	653814	43.500	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	136308	44.093	ng	#	81
60) Diethylphthalate	10.257	149	656590	42.396	ng		99
61) 4-Chlorophenyl-phenyle...	10.375	204	302363	44.827	ng		97
62) 4-Nitroaniline	10.422	138	135171m	35.960	ng		
63) Azobenzene	10.533	77	632873	42.752	ng		98
65) 4,6-Dinitro-2-methylph...	10.451	198	83413	43.805	ng		99
66) n-Nitrosodiphenylamine	10.498	169	543518	49.645	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	187094	49.246	ng		95
68) Hexachlorobenzene	10.933	284	203617	49.477	ng		92
69) Atrazine	11.028	200	167057	49.716	ng		98
70) Pentachlorophenol	11.139	266	122291	97.895	ng		98
71) Phenanthrene	11.351	178	839713	46.353	ng		99
72) Anthracene	11.398	178	844788	46.893	ng		99
73) Carbazole	11.563	167	729708	44.621	ng		99
74) Di-n-butylphthalate	11.880	149	968653	46.023	ng		98
75) Fluoranthene	12.539	202	763905	41.208	ng		98
78) Pyrene	12.769	202	761916	43.361	ng		100
80) Butylbenzylphthalate	13.380	149	333534	44.859	ng		99
81) Benzo(a)anthracene	13.963	228	625438	44.964	ng		99
82) 3,3'-Dichlorobenzidine	13.922	252	177959	41.310	ng		99
83) Chrysene	13.998	228	592730	45.523	ng		99
84) Bis(2-ethylhexyl)phtha...	13.933	149	469624	53.239	ng		97
85) Di-n-octyl phthalate	14.545	149	753518	61.880	ng		100
87) Indeno(1,2,3-cd)pyrene	16.910	276	878695	51.579	ng		99
88) Benzo(b)fluoranthene	15.010	252	732759	43.123	ng		98
89) Benzo(k)fluoranthene	15.039	252	695645	42.688	ng		99
90) Benzo(a)pyrene	15.374	252	654511	48.912	ng		100
91) Dibenzo(a,h)anthracene	16.915	278	763152	54.291	ng		100
92) Benzo(g,h,i)perylene	17.351	276	766071	54.627	ng		98

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

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