Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130451.D
Acq On : 28 Sep 2022 16:49
Operator : CG\JU
Sample : N4815-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 29 02:15:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:59:31 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.645	152	103984	20.000	ng		0.00
21) Naphthalene-d8	7.928	136	394685	20.000	ng		0.00
39) Acenaphthene-d10	9.681	164	193823	20.000	ng		0.00
64) Phenanthrene-d10	11.157	188	285627	20.000	ng		0.00
76) Chrysene-d12	13.792	240	183106	20.000	ng	#	0.00
86) Perylene-d12	15.180	264	224380	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.257	112	750603	125.201	ng		0.01
7) Phenol-d6	6.292	99	910780	121.416	ng		0.00
23) Nitrobenzene-d5	7.216	82	573263	74.204	ng		0.00
42) 2,4,6-Tribromophenol	10.469	330	227883	122.703	ng		0.00
45) 2-Fluorobiphenyl	9.010	172	1110054	83.398	ng		0.00
79) Terphenyl-d14	12.745	244	869312	78.643	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.310	88	94723	34.403	ng		97
3) Pyridine	2.987	79	252316	35.130	ng		93
4) n-Nitrosodimethylamine	2.952	42	148522	38.020	ng		92
6) Aniline	6.310	93	323506	35.002	ng	#	29
8) 2-Chlorophenol	6.434	128	340925	49.921	ng		92
9) Benzaldehyde	6.192	77	188029	37.421	ng		96
10) Phenol	6.310	94	396489	45.103	ng		78
11) bis(2-Chloroethyl)ether	6.392	93	304466	48.018	ng		90
12) 1,3-Dichlorobenzene	6.587	146	367569	48.915	ng		97
13) 1,4-Dichlorobenzene	6.663	146	376755	49.166	ng		98
14) 1,2-Dichlorobenzene	6.816	146	355667	49.685	ng		97
15) Benzyl Alcohol	6.798	79	212859	35.790	ng		94
16) 2,2'-oxybis(1-Chloropr...	6.928	45	372545	40.284	ng		75
17) 2-Methylphenol	6.916	107	271712	48.943	ng		96
18) Hexachloroethane	7.157	117	143836	47.618	ng		92
19) n-Nitroso-di-n-propyla...	7.069	70	218280	43.123	ng		92
20) 3+4-Methylphenols	7.069	107	329827	45.734	ng	#	75
22) Acetophenone	7.063	105	466663	48.361	ng	#	91
24) Nitrobenzene	7.234	77	338387	43.137	ng		95
25) Isophorone	7.475	82	586868	47.132	ng		97
26) 2-Nitrophenol	7.551	139	175273	54.505	ng	#	86
27) 2,4-Dimethylphenol	7.598	122	258898	52.289	ng		97
28) bis(2-Chloroethoxy)met...	7.687	93	367815	52.460	ng		100
29) 2,4-Dichlorophenol	7.792	162	267081	49.224	ng		98
30) 1,2,4-Trichlorobenzene	7.869	180	294217	50.155	ng		98
31) Naphthalene	7.951	128	944839	46.467	ng		99
32) Benzoic acid	7.698	122	47169m	12.319	ng		
33) 4-Chloroaniline	8.004	127	191901	24.814	ng		97
34) Hexachlorobutadiene	8.069	225	188467	50.271	ng		99
35) Caprolactam	8.381	113	68125m	43.797	ng		
36) 4-Chloro-3-methylphenol	8.498	107	284473	47.301	ng		99
37) 2-Methylnaphthalene	8.639	142	612714	47.261	ng		100
38) 1-Methylnaphthalene	8.739	142	575076	46.175	ng		97
40) 1,2,4,5-Tetrachloroben...	8.810	216	282164	53.344	ng		97
41) Hexachlorocyclopentadiene	8.792	237	322175	113.764	ng		100
43) 2,4,6-Trichlorophenol	8.922	196	175084	47.428	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.969	196	189977	47.689	ng		94
46) 1,1'-Biphenyl	9.110	154	735707	50.824	ng		96
47) 2-Chloronaphthalene	9.128	162	579416	49.481	ng		98
48) 2-Nitroaniline	9.233	65	167575	42.907	ng	#	83
49) Acenaphthylene	9.545	152	843475	48.042	ng		99
50) Dimethylphthalate	9.416	163	644790	48.160	ng		99
51) 2,6-Dinitrotoluene	9.475	165	143764	51.344	ng	#	85
52) Acenaphthene	9.716	154	550786m	47.747	ng		
53) 3-Nitroaniline	9.639	138	102671	32.907	ng		95
54) 2,4-Dinitrophenol	9.751	184	77846	53.498	ng	#	84
55) Dibenzofuran	9.886	168	758013	47.243	ng		96
56) 4-Nitrophenol	9.816	139	175718	77.324	ng		88
57) 2,4-Dinitrotoluene	9.875	165	184491	51.555	ng		92
58) Fluorene	10.228	166	595353	45.370	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.004	232	126164	40.462	ng		89
60) Diethylphthalate	10.110	149	610134	45.444	ng		99
61) 4-Chlorophenyl-phenyle...	10.222	204	282252	49.033	ng		96
62) 4-Nitroaniline	10.257	138	135320	43.174	ng		88
63) Azobenzene	10.380	77	545754	39.476	ng		96
65) 4,6-Dinitro-2-methylph...	10.280	198	67337	42.350	ng		92
66) n-Nitrosodiphenylamine	10.345	169	500608	52.448	ng		99
67) 4-Bromophenyl-phenylether	10.710	248	176346	55.967	ng		94
68) Hexachlorobenzene	10.769	284	198163	55.480	ng		98
69) Atrazine	10.875	200	151706	54.388	ng		98
70) Pentachlorophenol	10.969	266	139857	72.959	ng		98
71) Phenanthrene	11.186	178	759543	47.364	ng		100
72) Anthracene	11.239	178	765765	49.483	ng		99
73) Carbazole	11.392	167	659447	47.217	ng		99
74) Di-n-butylphthalate	11.727	149	820532	48.720	ng		99
75) Fluoranthene	12.369	202	662218	42.735	ng		97
77) Benzidine	12.498	184	278482	52.392	ng		99
78) Pyrene	12.592	202	654520	40.861	ng		99
80) Butylbenzylphthalate	13.221	149	294526	49.633	ng		94
81) Benzo(a)anthracene	13.780	228	601607	49.389	ng		99
82) 3,3'-Dichlorobenzidine	13.751	252	137894	41.587	ng	#	95
83) Chrysene	13.816	228	563008	48.678	ng		100
84) Bis(2-ethylhexyl)phtha...	13.780	149	412003	60.614	ng		99
85) Di-n-octyl phthalate	14.392	149	735496	70.746	ng		96
87) Indeno(1,2,3-cd)pyrene	16.504	276	867524	54.521	ng		97
88) Benzo(b)fluoranthene	14.792	252	706363	48.232	ng		99
89) Benzo(k)fluoranthene	14.821	252	685637	47.592	ng		99
90) Benzo(a)pyrene	15.127	252	628175	54.141	ng		97
91) Dibenzo(a,h)anthracene	16.527	278	765417	58.638	ng		98
92) Benzo(g,h,i)perylene	16.909	276	732286	55.691	ng		97

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

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