Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
Data File : BF135262.D
Acq On : 14 Sep 2023 19:33
Operator : CG\JU
Sample : 04393-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 15 01:35:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.763	152	137167	20.000	ng		0.00
21) Naphthalene-d8	8.045	136	504270	20.000	ng		0.00
39) Acenaphthene-d10	9.804	164	213965	20.000	ng		0.00
64) Phenanthrene-d10	11.304	188	233651	20.000	ng	#	0.01
76) Chrysene-d12	13.980	240	172028	20.000	ng		0.04
86) Perylene-d12	15.439	264	233340	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	745590	88.408	ng		0.02
7) Phenol-d6	6.416	99	932723	86.977	ng		0.01
23) Nitrobenzene-d5	7.334	82	593947	63.991	ng		0.00
42) 2,4,6-Tribromophenol	10.598	330	159912	75.207	ng		0.00
45) 2-Fluorobiphenyl	9.122	172	887836	62.604	ng		0.00
79) Terphenyl-d14	12.916	244	411549	37.086	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.558	88	128028	34.629	ng		98
3) Pyridine	3.316	79	323259	32.487	ng		98
4) n-Nitrosodimethylamine	3.275	42	212228	40.193	ng		98
6) Aniline	6.481	93	212568m	15.116	ng		
8) 2-Chlorophenol	6.557	128	367452	40.815	ng		94
9) Benzaldehyde	6.316	77	129933	21.269	ng		97
10) Phenol	6.434	94	420931	35.796	ng		92
11) bis(2-Chloroethyl)ether	6.504	93	340436m	38.596	ng		
12) 1,3-Dichlorobenzene	6.704	146	370703	40.516	ng		99
13) 1,4-Dichlorobenzene	6.781	146	371679	39.928	ng		97
14) 1,2-Dichlorobenzene	6.934	146	350938	40.596	ng		98
15) Benzyl Alcohol	6.916	79	310864	40.397	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.045	45	630414	37.917	ng		92
17) 2-Methylphenol	7.028	107	274808	34.590	ng		95
18) Hexachloroethane	7.269	117	137803	40.065	ng		93
19) n-Nitroso-di-n-propyla...	7.187	70	240771	36.248	ng		98
20) 3+4-Methylphenols	7.187	107	333792	34.940	ng	#	69
22) Acetophenone	7.175	105	483939	41.976	ng	#	92
24) Nitrobenzene	7.351	77	377541	41.153	ng		99
25) Isophorone	7.587	82	671893	39.422	ng		99
26) 2-Nitrophenol	7.663	139	181185	41.150	ng		98
27) 2,4-Dimethylphenol	7.710	122	270600	36.563	ng		99
28) bis(2-Chloroethoxy)met...	7.798	93	410381	40.229	ng		99
29) 2,4-Dichlorophenol	7.910	162	275277	40.140	ng		99
30) 1,2,4-Trichlorobenzene	7.987	180	295691	41.251	ng		99
31) Naphthalene	8.069	128	963507	39.325	ng		100
32) Benzoic acid	7.851	122	202588	36.352	ng		98
33) 4-Chloroaniline	8.128	127	107009	9.955	ng		99
34) Hexachlorobutadiene	8.181	225	179301	41.484	ng		100
35) Caprolactam	8.498	113	85154m	36.998	ng		
36) 4-Chloro-3-methylphenol	8.616	107	287083	37.665	ng		96
37) 2-Methylnaphthalene	8.757	142	594337	36.087	ng		98
38) 1-Methylnaphthalene	8.857	142	562694	36.493	ng		100
40) 1,2,4,5-Tetrachloroben...	8.922	216	283425	45.723	ng		99
41) Hexachlorocyclopentadiene	8.904	237	114056	45.288	ng		98
43) 2,4,6-Trichlorophenol	9.039	196	181562	44.735	ng		100

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44) 2,4,5-Trichlorophenol	9.086	196	183067	39.168	ng		95
46) 1,1'-Biphenyl	9.228	154	722142	43.918	ng		100
47) 2-Chloronaphthalene	9.251	162	533335	44.704	ng		100
48) 2-Nitroaniline	9.351	65	207093	44.682	ng		96
49) Acenaphthylene	9.663	152	824026	41.560	ng		100
50) Dimethylphthalate	9.534	163	619740	42.841	ng		100
51) 2,6-Dinitrotoluene	9.598	165	129253	40.786	ng		86
52) Acenaphthene	9.833	154	464534	39.660	ng		97
53) 3-Nitroaniline	9.763	138	85735	23.047	ng		99
54) 2,4-Dinitrophenol	9.875	184	17800	15.369	ng		93
55) Dibenzofuran	10.010	168	682633	38.192	ng		98
56) 4-Nitrophenol	9.939	139	161627	68.364	ng		93
57) 2,4-Dinitrotoluene	10.004	165	142607	35.945	ng		98
58) Fluorene	10.357	166	472404	34.380	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	123712	34.409	ng		98
60) Diethylphthalate	10.233	149	554468	38.191	ng		99
61) 4-Chlorophenyl-phenyle...	10.345	204	230550	34.929	ng		98
62) 4-Nitroaniline	10.381	138	75948	21.240	ng		95
63) Azobenzene	10.510	77	459908	32.368	ng		98
65) 4,6-Dinitro-2-methylph...	10.416	198	13972	11.259	ng	#	76
66) n-Nitrosodiphenylamine	10.469	169	403465	57.037	ng		99
67) 4-Bromophenyl-phenylether	10.845	248	116985	50.341	ng		97
68) Hexachlorobenzene	10.910	284	127395	53.811	ng	#	92
69) Atrazine	11.028	200	99448	52.249	ng		93
70) Pentachlorophenol	11.116	266	121978	86.116	ng		98
71) Phenanthrene	11.333	178	493016	44.614	ng		97
72) Anthracene	11.380	178	475869	41.894	ng		98
73) Carbazole	11.545	167	413111	39.952	ng		96
74) Di-n-butylphthalate	11.880	149	475173	38.998	ng	#	96
75) Fluoranthene	12.539	202	471069	40.910	ng		97
78) Pyrene	12.774	202	481532	29.400	ng		98
80) Butylbenzylphthalate	13.392	149	206076	35.736	ng	#	85
81) Benzo(a)anthracene	13.969	228	488381	43.965	ng		99
83) Chrysene	14.004	228	471786	42.718	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	442478	74.775	ng		98
85) Di-n-octyl phthalate	14.568	149	593913	63.155	ng		99
87) Indeno(1,2,3-cd)pyrene	16.921	276	520943	34.050	ng		99
88) Benzo(b)fluoranthene	15.021	252	618063	48.930	ng	#	96
89) Benzo(k)fluoranthene	15.045	252	488145	39.121	ng	#	97
90) Benzo(a)pyrene	15.380	252	493082	40.934	ng		99
91) Dibenzo(a,h)anthracene	16.933	278	421685	33.686	ng		100
92) Benzo(g,h,i)perylene	17.368	276	412548	31.556	ng		97

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

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