Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133906.D
Acq On : 22 Jun 2023 17:42
Operator : CG\JU
Sample : 03320-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-19MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 02:31:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 02:21:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	100423	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	381138	20.000	ng		0.00
39) Acenaphthene-d10	9.898	164	174223	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	283852	20.000	ng		0.00
76) Chrysene-d12	14.057	240	215008	20.000	ng		0.00
86) Perylene-d12	15.562	264	177769	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	529021	91.709	ng		0.00
7) Phenol-d6	6.498	99	649221	86.464	ng		0.00
23) Nitrobenzene-d5	7.422	82	415635	59.397	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	192613	87.339	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	810809	66.155	ng		0.00
79) Terphenyl-d14	12.986	244	785950	56.562	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	94217	37.151	ng		97
3) Pyridine	3.451	79	244531	33.081	ng		100
4) n-Nitrosodimethylamine	3.416	42	173425	42.445	ng		98
6) Aniline	6.528	93	359906	38.056	ng		99
8) 2-Chlorophenol	6.645	128	282087	46.403	ng		98
9) Benzaldehyde	6.416	77	147384	29.586	ng		99
10) Phenol	6.516	94	350188	44.664	ng		93
11) bis(2-Chloroethyl)ether	6.598	93	255187	43.841	ng		94
12) 1,3-Dichlorobenzene	6.804	146	303689	46.757	ng		98
13) 1,4-Dichlorobenzene	6.881	146	305875	46.594	ng		97
14) 1,2-Dichlorobenzene	7.028	146	293989	49.561	ng		98
15) Benzyl Alcohol	7.004	79	252558	43.066	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	460247	46.646	ng		98
17) 2-Methylphenol	7.116	107	232847	43.214	ng		99
18) Hexachloroethane	7.369	117	110696	49.255	ng		98
19) n-Nitroso-di-n-propyla...	7.275	70	196797	41.194	ng		99
20) 3+4-Methylphenols	7.269	107	278039	39.667	ng	#	84
22) Acetophenone	7.269	105	389408	44.546	ng	#	94
24) Nitrobenzene	7.445	77	307546	43.647	ng		99
25) Isophorone	7.681	82	551679	42.943	ng		99
26) 2-Nitrophenol	7.757	139	150970	47.741	ng		96
27) 2,4-Dimethylphenol	7.798	122	253356	46.483	ng		97
28) bis(2-Chloroethoxy)met...	7.892	93	324632	43.721	ng		99
29) 2,4-Dichlorophenol	7.998	162	238700	44.685	ng		97
30) 1,2,4-Trichlorobenzene	8.081	180	248991	44.675	ng		98
31) Naphthalene	8.163	128	786458	42.353	ng		100
32) Benzoic acid	7.910	122	158584	46.134	ng		96
33) 4-Chloroaniline	8.216	127	265956	33.497	ng		95
34) Hexachlorobutadiene	8.275	225	156953	43.012	ng		99
35) Caprolactam	8.592	113	79869m	44.433	ng		
36) 4-Chloro-3-methylphenol	8.698	107	259641	42.168	ng		100
37) 2-Methylnaphthalene	8.857	142	528633	40.973	ng		98
38) 1-Methylnaphthalene	8.957	142	489539	41.234	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	250844	47.360	ng		98
41) Hexachlorocyclopentadiene	9.004	237	126559	53.620	ng		95
43) 2,4,6-Trichlorophenol	9.133	196	165073	46.639	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	176938	42.971	ng		94
46) 1,1'-Biphenyl	9.322	154	671826	47.812	ng		99
47) 2-Chloronaphthalene	9.345	162	480629	47.685	ng		99
48) 2-Nitroaniline	9.445	65	167530	45.447	ng		97
49) Acenaphthylene	9.763	152	776159	44.243	ng		100
50) Dimethylphthalate	9.622	163	597885	45.976	ng		99
51) 2,6-Dinitrotoluene	9.686	165	125186	46.638	ng	#	83
52) Acenaphthene	9.933	154	448484	43.676	ng		99
53) 3-Nitroaniline	9.857	138	127539	39.044	ng		91
54) 2,4-Dinitrophenol	9.963	184	65292	51.937	ng		89
55) Dibenzofuran	10.110	168	692646	44.206	ng		99
56) 4-Nitrophenol	10.022	139	178357	80.904	ng	#	81
57) 2,4-Dinitrotoluene	10.092	165	155649	45.594	ng		98
58) Fluorene	10.451	166	514392	42.929	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.227	232	135363	43.909	ng		99
60) Diethylphthalate	10.327	149	599780	45.317	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	259083	43.799	ng		97
62) 4-Nitroaniline	10.475	138	118412	36.972	ng		99
63) Azobenzene	10.604	77	576649	46.023	ng		98
65) 4,6-Dinitro-2-methylph...	10.504	198	49980	36.848	ng		97
66) n-Nitrosodiphenylamine	10.563	169	465549	48.827	ng		98
67) 4-Bromophenyl-phenylether	10.933	248	152590	48.164	ng		98
68) Hexachlorobenzene	10.998	284	156858	47.082	ng		96
69) Atrazine	11.092	200	143517	51.878	ng		97
70) Pentachlorophenol	11.198	266	152013	76.198	ng		98
71) Phenanthrene	11.416	178	647073	44.932	ng		100
72) Anthracene	11.469	178	657445	43.783	ng		99
73) Carbazole	11.627	167	602737	43.097	ng		98
74) Di-n-butylphthalate	11.957	149	803618	44.822	ng		99
75) Fluoranthene	12.616	202	677978	44.332	ng		100
77) Benzidine	12.739	184	477977	66.249	ng		99
78) Pyrene	12.845	202	705460	35.222	ng		100
80) Butylbenzylphthalate	13.468	149	314201	37.159	ng		100
81) Benzo(a)anthracene	14.045	228	659702	44.358	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	250723	50.708	ng		99
83) Chrysene	14.080	228	609057	43.299	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	440649	42.325	ng		98
85) Di-n-octyl phthalate	14.651	149	802507	54.242	ng		99
87) Indeno(1,2,3-cd)pyrene	17.115	276	433703	35.462	ng		99
88) Benzo(b)fluoranthene	15.115	252	548985	50.838	ng		98
89) Benzo(k)fluoranthene	15.145	252	548510	52.144	ng		99
90) Benzo(a)pyrene	15.498	252	434032	43.308	ng		99
91) Dibenzo(a,h)anthracene	17.133	278	361512	35.705	ng		99
92) Benzo(g,h,i)perylene	17.586	276	344897	34.356	ng		98

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

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