Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
Data File : BF132694.D
Acq On : 08 Mar 2023 17:17
Operator : CG\JU
Sample : 01821-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 09 00:38:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 13:42:31 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-IDW-S-1MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.987	152	153642	20.000	ng		0.00
21) Naphthalene-d8	8.275	136	552669	20.000	ng		0.00
39) Acenaphthene-d10	10.033	164	287349	20.000	ng		0.00
64) Phenanthrene-d10	11.533	188	501826	20.000	ng		0.00
76) Chrysene-d12	14.192	240	291772	20.000	ng		0.00
86) Perylene-d12	15.733	264	377915	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.634	112	1051523	111.076	ng		0.02
7) Phenol-d6	6.622	99	1272729	103.014	ng		0.00
23) Nitrobenzene-d5	7.557	82	907727	77.925	ng		0.00
42) 2,4,6-Tribromophenol	10.833	330	350707	113.013	ng		0.00
45) 2-Fluorobiphenyl	9.351	172	1457315	77.223	ng		0.00
79) Terphenyl-d14	13.116	244	1391052	80.608	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.016	88	222159	42.425	ng	#	83
3) Pyridine	3.740	79	557698	40.122	ng		95
4) n-Nitrosodimethylamine	3.675	42	233801	44.530	ng		86
6) Aniline	6.651	93	438764	26.389	ng		97
8) 2-Chlorophenol	6.781	128	500251	50.915	ng		94
9) Benzaldehyde	6.545	77	138979	20.847	ng		96
10) Phenol	6.634	94	583219	41.174	ng		96
11) bis(2-Chloroethyl)ether	6.722	93	537772	49.180	ng		95
12) 1,3-Dichlorobenzene	6.934	146	514108	48.760	ng		97
13) 1,4-Dichlorobenzene	7.004	146	516344	49.044	ng		99
14) 1,2-Dichlorobenzene	7.157	146	502033	49.687	ng		99
15) Benzyl Alcohol	7.134	79	455288	47.849	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.257	45	647962	46.469	ng		98
17) 2-Methylphenol	7.240	107	408408	44.539	ng		95
18) Hexachloroethane	7.498	117	198124	48.169	ng		99
19) n-Nitroso-di-n-propyla...	7.398	70	323776	42.582	ng		96
20) 3+4-Methylphenols	7.392	107	452052	38.159	ng		94
22) Acetophenone	7.398	105	637048	45.713	ng	#	89
24) Nitrobenzene	7.575	77	562638	45.162	ng		99
25) Isophorone	7.810	82	1002225	44.876	ng		99
26) 2-Nitrophenol	7.892	139	261990	47.663	ng		91
27) 2,4-Dimethylphenol	7.922	122	408051	47.035	ng		99
28) bis(2-Chloroethoxy)met...	8.016	93	610759	46.749	ng		99
29) 2,4-Dichlorophenol	8.134	162	405402	46.976	ng		98
30) 1,2,4-Trichlorobenzene	8.216	180	452060	48.241	ng		97
31) Naphthalene	8.298	128	1317356	46.561	ng		100
32) Benzoic acid	8.034	122	107686	18.329	ng		98
33) 4-Chloroaniline	8.345	127	128377	10.588	ng	#	93
34) Hexachlorobutadiene	8.404	225	286867	48.174	ng		99
35) Caprolactam	8.716	113	119935m	42.155	ng		
36) 4-Chloro-3-methylphenol	8.828	107	434804	45.878	ng		96
37) 2-Methylnaphthalene	8.986	142	864416	44.831	ng		99
38) 1-Methylnaphthalene	9.086	142	811435	45.031	ng		98
40) 1,2,4,5-Tetrachloroben...	9.157	216	466214	49.590	ng		99
41) Hexachlorocyclopentadiene	9.139	237	409939	80.392	ng		99
43) 2,4,6-Trichlorophenol	9.269	196	310828	48.786	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.316	196	323439	43.495	ng	98
46) 1,1'-Biphenyl	9.451	154	1053769	48.451	ng	99
47) 2-Chloronaphthalene	9.481	162	845854	49.053	ng	100
48) 2-Nitroaniline	9.575	65	279012	43.933	ng	96
49) Acenaphthylene	9.898	152	1282877	46.746	ng	100
50) Dimethylphthalate	9.751	163	987493	47.197	ng	100
51) 2,6-Dinitrotoluene	9.816	165	226048	47.440	ng	98
52) Acenaphthene	10.075	154	805449m	46.220	ng	
53) 3-Nitroaniline	9.986	138	134730	25.277	ng	98
54) 2,4-Dinitrophenol	10.098	184	97211	33.473	ng	91
55) Dibenzofuran	10.245	168	1180786	46.479	ng	98
56) 4-Nitrophenol	10.151	139	289635	72.863	ng	98
57) 2,4-Dinitrotoluene	10.228	165	293279	46.265	ng	91
58) Fluorene	10.586	166	896834	46.152	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.363	232	261848	47.403	ng	99
60) Diethylphthalate	10.451	149	907972	44.434	ng	99
61) 4-Chlorophenyl-phenyle...	10.575	204	461081	45.738	ng	97
62) 4-Nitroaniline	10.610	138	211832	40.487	ng	94
63) Azobenzene	10.739	77	955349	44.145	ng	97
65) 4,6-Dinitro-2-methylph...	10.633	198	96640	28.448	ng	97
66) n-Nitrosodiphenylamine	10.698	169	782186	49.997	ng	98
67) 4-Bromophenyl-phenylether	11.069	248	288786	50.875	ng	98
68) Hexachlorobenzene	11.139	284	320386	53.640	ng	97
69) Atrazine	11.222	200	254393	52.086	ng	98
70) Pentachlorophenol	11.333	266	263410	74.123	ng	98
71) Phenanthrene	11.557	178	1242532	47.795	ng	98
72) Anthracene	11.610	178	1266583	47.312	ng	99
73) Carbazole	11.763	167	1112043	46.073	ng	99
74) Di-n-butylphthalate	12.080	149	1271100	44.895	ng	99
75) Fluoranthene	12.751	202	1194193	42.019	ng	99
77) Benzidine	12.869	184	754101	106.173	ng	99
78) Pyrene	12.986	202	1220172	45.997	ng	99
80) Butylbenzylphthalate	13.592	149	452053	43.184	ng	96
81) Benzo(a)anthracene	14.180	228	1055934	48.368	ng	99
82) 3,3'-Dichlorobenzidine	14.133	252	199364	30.975	ng	98
83) Chrysene	14.216	228	1002988	49.131	ng	99
84) Bis(2-ethylhexyl)phtha...	14.145	149	574973	44.712	ng	100
85) Di-n-octyl phthalate	14.774	149	1094812	58.260	ng	98
87) Indeno(1,2,3-cd)pyrene	17.333	276	1317967	53.224	ng	99
88) Benzo(b)fluoranthene	15.274	252	1234905	48.760	ng	100
89) Benzo(k)fluoranthene	15.310	252	1082400	43.669	ng	99
90) Benzo(a)pyrene	15.668	252	1087884	45.896	ng	98
91) Dibenzo(a,h)anthracene	17.351	278	1083009	53.679	ng	98
92) Benzo(g,h,i)perylene	17.821	276	1086554	47.666	ng	99

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

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