Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
Data File : BF135113.D
Acq On : 06 Sep 2023 01:43
Operator : CG\JU
Sample : 03972-08MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
356MSD

Quant Time: Sep 06 03:47:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.775	152	109806	20.000	ng		0.00
21) Naphthalene-d8	8.057	136	442439	20.000	ng		0.00
39) Acenaphthene-d10	9.816	164	196696	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	289611	20.000	ng		0.00
76) Chrysene-d12	13.968	240	191038	20.000	ng		0.00
86) Perylene-d12	15.433	264	168294	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	869536	122.316	ng		0.03
7) Phenol-d6	6.428	99	980498	110.655	ng		0.01
23) Nitrobenzene-d5	7.345	82	730872	92.806	ng		0.00
42) 2,4,6-Tribromophenol	10.610	330	250763	120.182	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	1241132	102.732	ng		0.00
79) Terphenyl-d14	12.910	244	1031576	88.120	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	125273	41.601	ng	#	83
3) Pyridine	3.457	79	281425	34.666	ng		99
4) n-Nitrosodimethylamine	3.387	42	192768	48.555	ng		92
6) Aniline	6.445	93	89252	8.125	ng	#	24
8) 2-Chlorophenol	6.563	128	374324	51.830	ng		98
9) Benzaldehyde	6.334	77	128101	28.373	ng		96
10) Phenol	6.439	94	374376	40.245	ng		95
11) bis(2-Chloroethyl)ether	6.522	93	356909	50.951	ng		97
12) 1,3-Dichlorobenzene	6.716	146	378411	50.856	ng		99
13) 1,4-Dichlorobenzene	6.792	146	386068	51.840	ng		98
14) 1,2-Dichlorobenzene	6.945	146	366420	52.725	ng		99
15) Benzyl Alcohol	6.928	79	319470	52.625	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	562092	47.917	ng		98
17) 2-Methylphenol	7.039	107	284064	45.137	ng		95
18) Hexachloroethane	7.281	117	143325	51.954	ng		97
19) n-Nitroso-di-n-propyla...	7.198	70	258059	49.030	ng		96
20) 3+4-Methylphenols	7.192	107	345086	46.478	ng		96
22) Acetophenone	7.187	105	508104	51.631	ng		95
24) Nitrobenzene	7.363	77	390854	48.383	ng		98
25) Isophorone	7.604	82	705753	47.266	ng		99
26) 2-Nitrophenol	7.675	139	194786	48.803	ng		94
27) 2,4-Dimethylphenol	7.716	122	264829	41.213	ng		92
28) bis(2-Chloroethoxy)met...	7.810	93	432682	48.038	ng		99
29) 2,4-Dichlorophenol	7.922	162	292659	47.920	ng		97
30) 1,2,4-Trichlorobenzene	7.998	180	330271	50.043	ng		100
31) Naphthalene	8.081	128	1030506	47.680	ng		100
32) Benzoic acid	7.875	122	248348	48.314	ng		98
33) 4-Chloroaniline	8.128	127	44655	4.724	ng		96
34) Hexachlorobutadiene	8.192	225	189605	50.623	ng		96
35) Caprolactam	8.522	113	71767	35.890	ng	#	81
36) 4-Chloro-3-methylphenol	8.622	107	311297	46.930	ng		93
37) 2-Methylnaphthalene	8.769	142	643929	44.653	ng		100
38) 1-Methylnaphthalene	8.869	142	613256	45.449	ng		99
40) 1,2,4,5-Tetrachloroben...	8.933	216	299819	54.451	ng		100
41) Hexachlorocyclopentadiene	8.916	237	143705	61.318	ng		97
43) 2,4,6-Trichlorophenol	9.051	196	197373	53.374	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	202342	47.263	ng		97
46) 1,1'-Biphenyl	9.239	154	800063	53.238	ng		99
47) 2-Chloronaphthalene	9.263	162	595882	52.729	ng		97
48) 2-Nitroaniline	9.363	65	201016	51.962	ng		89
49) Acenaphthylene	9.675	152	848007	49.640	ng		99
50) Dimethylphthalate	9.545	163	724872	52.630	ng		99
51) 2,6-Dinitrotoluene	9.610	165	148674	49.195	ng		94
52) Acenaphthene	9.851	154	539592	49.565	ng		98
53) 3-Nitroaniline	9.775	138	62917	17.872	ng		92
54) 2,4-Dinitrophenol	9.886	184	59466	41.171	ng		96
55) Dibenzofuran	10.022	168	764358	48.672	ng		100
56) 4-Nitrophenol	9.963	139	179207	72.418	ng		93
57) 2,4-Dinitrotoluene	10.016	165	175788	46.675	ng		96
58) Fluorene	10.369	166	553928	46.267	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	153224	46.478	ng	#	95
60) Diethylphthalate	10.245	149	695739	53.663	ng		99
61) 4-Chlorophenyl-phenyle...	10.363	204	278268	46.989	ng		96
62) 4-Nitroaniline	10.392	138	99440	28.868	ng		92
63) Azobenzene	10.522	77	585693	44.865	ng		99
65) 4,6-Dinitro-2-methylph...	10.422	198	47271	26.969	ng		85
66) n-Nitrosodiphenylamine	10.480	169	506681	56.267	ng		100
67) 4-Bromophenyl-phenylether	10.851	248	165933	54.019	ng		97
68) Hexachlorobenzene	10.916	284	177364	55.841	ng		96
70) Pentachlorophenol	11.116	266	160510	83.529	ng		99
71) Phenanthrene	11.333	178	768752	51.452	ng		100
72) Anthracene	11.386	178	731553	47.922	ng		99
73) Carbazole	11.551	167	666661	50.632	ng		99
74) Di-n-butylphthalate	11.880	149	826877	52.097	ng		99
75) Fluoranthene	12.533	202	740714	49.033	ng		98
78) Pyrene	12.763	202	745765	41.115	ng		99
80) Butylbenzylphthalate	13.386	149	324221	49.480	ng		97
81) Benzo(a)anthracene	13.957	228	650519	49.919	ng		99
83) Chrysene	13.992	228	627955	49.033	ng		99
84) Bis(2-ethylhexyl)phtha...	13.951	149	407695	60.121	ng		98
85) Di-n-octyl phthalate	14.568	149	716418	69.215	ng		99
87) Indeno(1,2,3-cd)pyrene	16.915	276	506288	44.663	ng		98
88) Benzo(b)fluoranthene	15.010	252	581013	55.485	ng		99
89) Benzo(k)fluoranthene	15.039	252	522323	51.631	ng		99
90) Benzo(a)pyrene	15.374	252	440500	45.283	ng		98
91) Dibenzo(a,h)anthracene	16.933	278	425475	46.343	ng		97
92) Benzo(g,h,i)perylene	17.368	276	401595	42.057	ng		98

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

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