Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
Data File : BF134373.D
Acq On : 19 Jul 2023 23:04
Operator : CG\JU
Sample : 03639-21MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP5MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

Quant Time: Jul 20 00:47:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 22:51:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	89062	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	322215	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	126753	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	236493	20.000	ng		0.00
76) Chrysene-d12	14.033	240	167931	20.000	ng		0.00
86) Perylene-d12	15.539	264	135477	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	441016	82.832	ng		0.01
7) Phenol-d6	6.487	99	527887	80.621	ng		0.00
23) Nitrobenzene-d5	7.404	82	351585	58.819	ng		0.00
42) 2,4,6-Tribromophenol	10.674	330	148429	93.397	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	661617	75.889	ng		-0.01
79) Terphenyl-d14	12.963	244	507586	48.646	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	80670	36.746	ng		99
3) Pyridine	3.463	79	208659	36.490	ng		97
4) n-Nitrosodimethylamine	3.434	42	133018	40.729	ng		98
6) Aniline	6.504	93	308498	38.718	ng	#	71
8) 2-Chlorophenol	6.628	128	248988	46.068	ng		97
9) Benzaldehyde	6.392	77	147080	41.206	ng		97
10) Phenol	6.498	94	303617	44.102	ng		79
11) bis(2-Chloroethyl)ether	6.575	93	231151	45.605	ng		98
12) 1,3-Dichlorobenzene	6.781	146	278037	48.253	ng		98
13) 1,4-Dichlorobenzene	6.857	146	278700	47.887	ng		98
14) 1,2-Dichlorobenzene	7.004	146	266224	48.843	ng		100
15) Benzyl Alcohol	6.986	79	232098	45.981	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	355469	39.643	ng		87
17) 2-Methylphenol	7.098	107	202160	41.770	ng		93
18) Hexachloroethane	7.345	117	95417	44.216	ng		98
19) n-Nitroso-di-n-propyla...	7.257	70	161724	38.947	ng		94
20) 3+4-Methylphenols	7.251	107	225847	38.465	ng		93
22) Acetophenone	7.251	105	316321	43.166	ng	#	96
24) Nitrobenzene	7.422	77	277751	45.983	ng		93
25) Isophorone	7.663	82	476652	43.876	ng		99
26) 2-Nitrophenol	7.739	139	119966	41.401	ng		97
27) 2,4-Dimethylphenol	7.781	122	179781	39.196	ng		93
28) bis(2-Chloroethoxy)met...	7.869	93	252709	40.174	ng		99
29) 2,4-Dichlorophenol	7.981	162	210542	46.290	ng		97
30) 1,2,4-Trichlorobenzene	8.057	180	227951	48.571	ng		97
31) Naphthalene	8.139	128	669290	43.002	ng		99
32) Benzoic acid	7.916	122	133394m	38.811	ng		
33) 4-Chloroaniline	8.192	127	170885	25.667	ng		99
34) Hexachlorobutadiene	8.251	225	137849	46.564	ng		98
35) Caprolactam	8.575	113	65237m	43.561	ng		
36) 4-Chloro-3-methylphenol	8.680	107	232262	45.456	ng		95
37) 2-Methylnaphthalene	8.833	142	464551	42.208	ng		98
38) 1-Methylnaphthalene	8.933	142	372920	36.447	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	227378	60.549	ng		98
41) Hexachlorocyclopentadiene	8.980	237	46980	26.370	ng		99
43) 2,4,6-Trichlorophenol	9.116	196	130098	50.892	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	153471	51.038	ng		94
46) 1,1'-Biphenyl	9.298	154	551768	54.267	ng		97
47) 2-Chloronaphthalene	9.322	162	415883	55.903	ng		96
48) 2-Nitroaniline	9.427	65	140247	51.728	ng		92
49) Acenaphthylene	9.739	152	665078	52.334	ng		99
50) Dimethylphthalate	9.598	163	521211	56.647	ng		99
51) 2,6-Dinitrotoluene	9.669	165	108876	54.939	ng		95
52) Acenaphthene	9.910	154	352302	47.776	ng		100
53) 3-Nitroaniline	9.839	138	87649	36.867	ng		94
54) 2,4-Dinitrophenol	9.951	184	37557	35.095	ng		93
55) Dibenzofuran	10.086	168	584251	50.697	ng		100
56) 4-Nitrophenol	10.016	139	145358	87.408	ng		94
57) 2,4-Dinitrotoluene	10.080	165	131422	50.216	ng	#	86
58) Fluorene	10.427	166	452428	50.461	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	108357	45.683	ng		94
60) Diethylphthalate	10.304	149	544399	56.791	ng		100
61) 4-Chlorophenyl-phenyle...	10.422	204	237866	55.051	ng		96
62) 4-Nitroaniline	10.457	138	98882	41.270	ng		94
63) Azobenzene	10.580	77	452302	49.881	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	33045	25.629	ng		97
66) n-Nitrosodiphenylamine	10.539	169	421009	55.718	ng		98
67) 4-Bromophenyl-phenylether	10.910	248	144457	57.469	ng		94
68) Hexachlorobenzene	10.980	284	149167	55.891	ng		94
69) Atrazine	11.074	200	125023	59.818	ng		99
70) Pentachlorophenol	11.180	266	125897	78.894	ng		97
71) Phenanthrene	11.398	178	580994	48.801	ng		99
72) Anthracene	11.445	178	577752	46.657	ng		99
73) Carbazole	11.610	167	527786	46.565	ng		98
74) Di-n-butylphthalate	11.933	149	734223	54.473	ng		99
75) Fluoranthene	12.592	202	519201	40.339	ng		97
77) Benzidine	12.721	184	323808	81.037	ng		98
78) Pyrene	12.821	202	527743	33.769	ng		100
80) Butylbenzylphthalate	13.445	149	243637	41.567	ng		96
81) Benzo(a)anthracene	14.021	228	536944	46.104	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	203431	55.133	ng		99
83) Chrysene	14.062	228	466184	41.328	ng		98
84) Bis(2-ethylhexyl)phtha...	14.004	149	407762	60.544	ng		100
85) Di-n-octyl phthalate	14.627	149	637858	64.455	ng		97
87) Indeno(1,2,3-cd)pyrene	17.092	276	356835	37.958	ng		95
88) Benzo(b)fluoranthene	15.098	252	431742	54.197	ng		98
89) Benzo(k)fluoranthene	15.127	252	380821	46.952	ng	#	98
90) Benzo(a)pyrene	15.474	252	341482	44.330	ng		97
91) Dibenzo(a,h)anthracene	17.103	278	309293	40.281	ng	#	96
92) Benzo(g,h,i)perylene	17.556	276	247720	31.285	ng	#	95

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

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