Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
Data File : BF133579.D
Acq On : 05 Jun 2023 22:18
Operator : CG\JU
Sample : 02983-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB19MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023

Quant Time: Jun 06 01:08:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 17:49:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	145544	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	528761	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	232892	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	387847	20.000	ng		0.00
76) Chrysene-d12	14.004	240	246576	20.000	ng		0.00
86) Perylene-d12	15.457	264	198195	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	613246	70.300	ng		0.01
7) Phenol-d6	6.457	99	737503	68.679	ng		0.00
23) Nitrobenzene-d5	7.398	82	444567	56.137	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	174418	75.131	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	800050	53.021	ng		0.00
79) Terphenyl-d14	12.945	244	751970	54.222	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	128601	32.643	ng		99
3) Pyridine	3.328	79	336054	30.422	ng		96
4) n-Nitrosodimethylamine	3.281	42	209986	34.856	ng		97
6) Aniline	6.493	93	466509	31.996	ng		99
8) 2-Chlorophenol	6.616	128	354214	41.210	ng		95
9) Benzaldehyde	6.381	77	202783	37.492	ng		98
10) Phenol	6.475	94	418248m	38.826	ng		
11) bis(2-Chloroethyl)ether	6.569	93	334958	37.608	ng		99
12) 1,3-Dichlorobenzene	6.775	146	369438	38.715	ng		98
13) 1,4-Dichlorobenzene	6.851	146	369862	38.661	ng		99
14) 1,2-Dichlorobenzene	7.004	146	355538	40.272	ng		98
15) Benzyl Alcohol	6.975	79	303573	37.236	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	610745	36.155	ng		98
17) 2-Methylphenol	7.087	107	287835	35.362	ng		96
18) Hexachloroethane	7.346	117	115857	35.022	ng		93
19) n-Nitroso-di-n-propyla...	7.246	70	239076	34.410	ng		100
20) 3+4-Methylphenols	7.240	107	347835	37.798	ng	#	89
22) Acetophenone	7.246	105	460164	37.790	ng	#	94
24) Nitrobenzene	7.416	77	370673	43.928	ng		100
25) Isophorone	7.657	82	671733	36.395	ng		98
26) 2-Nitrophenol	7.734	139	161632	42.414	ng		94
27) 2,4-Dimethylphenol	7.769	122	305125	38.855	ng		99
28) bis(2-Chloroethoxy)met...	7.869	93	403693	37.720	ng		99
29) 2,4-Dichlorophenol	7.975	162	280656	39.723	ng		96
30) 1,2,4-Trichlorobenzene	8.057	180	293593	38.418	ng		99
31) Naphthalene	8.140	128	943910	36.821	ng		99
32) Benzoic acid	7.869	122	177578	36.422	ng		96
33) 4-Chloroaniline	8.187	127	300281	27.330	ng		96
34) Hexachlorobutadiene	8.257	225	180218	38.768	ng		99
35) Caprolactam	8.557	113	100130	43.213	ng		96
36) 4-Chloro-3-methylphenol	8.663	107	300279	37.941	ng		100
37) 2-Methylnaphthalene	8.828	142	618132	35.316	ng		99
38) 1-Methylnaphthalene	8.928	142	571518	35.029	ng		99
40) 1,2,4,5-Tetrachloroben...	8.992	216	284028	41.148	ng		99
41) Hexachlorocyclopentadiene	8.981	237	87386	24.704	ng		97
43) 2,4,6-Trichlorophenol	9.104	196	188003	42.565	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	197462	38.517	ng		96
46) 1,1'-Biphenyl	9.292	154	766040	40.485	ng		98
47) 2-Chloronaphthalene	9.322	162	549264	40.054	ng		99
48) 2-Nitroaniline	9.416	65	198389	45.305	ng		94
49) Acenaphthylene	9.734	152	898086	38.377	ng		99
50) Dimethylphthalate	9.598	163	676286	41.316	ng		99
51) 2,6-Dinitrotoluene	9.657	165	131941	42.825	ng		91
52) Acenaphthene	9.910	154	527653	37.222	ng		99
53) 3-Nitroaniline	9.828	138	166943	43.133	ng	#	89
54) 2,4-Dinitrophenol	9.922	184	18553	21.073	ng	#	77
55) Dibenzofuran	10.081	168	783977	37.173	ng		97
56) 4-Nitrophenol	9.981	139	221077	78.943	ng		97
57) 2,4-Dinitrotoluene	10.057	165	160160	42.110	ng		86
58) Fluorene	10.422	166	559027	36.179	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	157474	40.785	ng		97
60) Diethylphthalate	10.298	149	673312	39.625	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	283379	38.195	ng		97
62) 4-Nitroaniline	10.439	138	150701	38.933	ng		96
63) Azobenzene	10.575	77	620196	36.463	ng		98
65) 4,6-Dinitro-2-methylph...	10.463	198	15497	16.709	ng	#	76
66) n-Nitrosodiphenylamine	10.534	169	528464	41.970	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	169078	41.049	ng		99
68) Hexachlorobenzene	10.969	284	182428	42.353	ng		95
69) Atrazine	11.063	200	166225	48.114	ng		97
70) Pentachlorophenol	11.163	266	192336	74.679	ng		99
71) Phenanthrene	11.386	178	759965	38.687	ng		100
72) Anthracene	11.433	178	785381	38.846	ng		99
73) Carbazole	11.592	167	749092	39.179	ng		99
74) Di-n-butylphthalate	11.928	149	949016	41.975	ng		99
75) Fluoranthene	12.575	202	837070	38.577	ng		98
77) Benzidine	12.704	184	718461	99.624	ng		98
78) Pyrene	12.804	202	852326	40.621	ng		99
80) Butylbenzylphthalate	13.427	149	375032	45.174	ng		96
81) Benzo(a)anthracene	13.992	228	631988	38.475	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	264138	51.440	ng		98
83) Chrysene	14.027	228	621421	37.475	ng		100
84) Bis(2-ethylhexyl)phtha...	13.986	149	489565	47.177	ng		99
85) Di-n-octyl phthalate	14.604	149	826324	47.801	ng		98
87) Indeno(1,2,3-cd)pyrene	16.910	276	501834	39.750	ng		99
88) Benzo(b)fluoranthene	15.033	252	529707	41.044	ng		98
89) Benzo(k)fluoranthene	15.063	252	479398	38.095	ng		99
90) Benzo(a)pyrene	15.398	252	418471	35.634	ng		99
91) Dibenzo(a,h)anthracene	16.933	278	420684	41.099	ng		98
92) Benzo(g,h,i)perylene	17.351	276	395607	38.330	ng		99

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

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