Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
Data File : BF126933.D
Acq On : 17 Feb 2022 18:17
Operator : CG\JU
Sample : N1571-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

Quant Time: Feb 18 03:44:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 14:55:48 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	106069	20.000	ng		0.00
21) Naphthalene-d8	8.216	136	448287	20.000	ng	#	0.00
39) Acenaphthene-d10	9.975	164	233926	20.000	ng		0.00
64) Phenanthrene-d10	11.469	188	372284	20.000	ng	#	0.00
76) Chrysene-d12	14.110	240	159654	20.000	ng	#	0.00
86) Perylene-d12	15.610	264	176720	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.557	112	826275	120.400	ng		0.01
7) Phenol-d6	6.557	99	1130375	122.067	ng		0.00
23) Nitrobenzene-d5	7.498	82	807548	81.311	ng		0.00
42) 2,4,6-Tribromophenol	10.769	330	337188	125.193	ng		0.00
45) 2-Fluorobiphenyl	9.292	172	1258113	79.176	ng		0.00
79) Terphenyl-d14	13.045	244	948613	87.345	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	112283	35.755	ng		97
3) Pyridine	3.551	79	277898	33.738	ng	#	88
4) n-Nitrosodimethylamine	3.516	42	183240	45.413	ng	#	72
6) Aniline	6.598	93	497844	45.374	ng		97
8) 2-Chlorophenol	6.716	128	364282	49.472	ng		98
9) Benzaldehyde	6.487	77	231980	41.154	ng		98
10) Phenol	6.569	94	475746	50.845	ng		83
11) bis(2-Chloroethyl)ether	6.669	93	350125	47.708	ng		97
12) 1,3-Dichlorobenzene	6.875	146	361940	45.567	ng		98
13) 1,4-Dichlorobenzene	6.951	146	366527	45.516	ng		97
14) 1,2-Dichlorobenzene	7.098	146	356073	46.368	ng		99
15) Benzyl Alcohol	7.069	79	379789	48.683	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.204	45	543482	47.029	ng		96
17) 2-Methylphenol	7.175	107	317835	49.890	ng		93
18) Hexachloroethane	7.445	117	148233	48.023	ng	#	89
19) n-Nitroso-di-n-propyla...	7.345	70	297351	49.832	ng		98
20) 3+4-Methylphenols	7.334	107	403470	48.771	ng		92
22) Acetophenone	7.339	105	538941	45.661	ng		98
24) Nitrobenzene	7.516	77	434338	46.294	ng		95
25) Isophorone	7.751	82	819928	49.891	ng		99
26) 2-Nitrophenol	7.828	139	195200	48.866	ng	#	75
27) 2,4-Dimethylphenol	7.863	122	353112	53.809	ng		92
28) bis(2-Chloroethoxy)met...	7.963	93	467318	46.904	ng		98
29) 2,4-Dichlorophenol	8.069	162	296392	48.040	ng		99
30) 1,2,4-Trichlorobenzene	8.151	180	307148	44.529	ng		97
31) Naphthalene	8.239	128	1356951	57.986	ng		99
32) Benzoic acid	7.992	122	237269	50.982	ng		83
33) 4-Chloroaniline	8.281	127	243299	26.414	ng		94
34) Hexachlorobutadiene	8.345	225	181559	45.086	ng		98
35) Caprolactam	8.669	113	106743m	49.544	ng		
36) 4-Chloro-3-methylphenol	8.763	107	387743	49.175	ng		95
37) 2-Methylnaphthalene	8.928	142	949590	62.536	ng		97
38) 1-Methylnaphthalene	9.028	142	846424	58.210	ng		99
40) 1,2,4,5-Tetrachloroben...	9.092	216	291728	47.376	ng		99
41) Hexachlorocyclopentadiene	9.075	237	347987	104.196	ng		95
43) 2,4,6-Trichlorophenol	9.204	196	213500	47.273	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	222263	46.767	ng		95
46) 1,1'-Biphenyl	9.392	154	940481	50.745	ng		99
47) 2-Chloronaphthalene	9.422	162	635387	46.231	ng		95
48) 2-Nitroaniline	9.516	65	257983	47.568	ng		95
49) Acenaphthylene	9.839	152	1067285	47.807	ng		98
50) Dimethylphthalate	9.698	163	802474	47.993	ng		99
51) 2,6-Dinitrotoluene	9.763	165	168514	49.535	ng		98
52) Acenaphthene	10.016	154	1239281m	85.356	ng		
53) 3-Nitroaniline	9.928	138	137851	33.150	ng		96
54) 2,4-Dinitrophenol	10.039	184	170553	94.720	ng	#	86
55) Dibenzofuran	10.186	168	1501128	75.190	ng		91
56) 4-Nitrophenol	10.086	139	263007	85.633	ng	#	72
57) 2,4-Dinitrotoluene	10.163	165	224513	48.811	ng	#	90
58) Fluorene	10.528	166	1448124	93.120	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.298	232	170019m	45.124	ng		
60) Diethylphthalate	10.392	149	831338	47.582	ng		99
61) 4-Chlorophenyl-phenyle...	10.516	204	332417	45.332	ng		99
62) 4-Nitroaniline	10.545	138	179003	43.592	ng	#	77
63) Azobenzene	10.675	77	874679	44.959	ng		88
65) 4,6-Dinitro-2-methylph...	10.575	198	103163	47.162	ng		98
66) n-Nitrosodiphenylamine	10.633	169	626272	51.302	ng		98
67) 4-Bromophenyl-phenylether	11.004	248	208939	50.231	ng	#	89
68) Hexachlorobenzene	11.069	284	223237	49.853	ng		95
69) Atrazine	11.163	200	202938	53.600	ng		98
70) Pentachlorophenol	11.269	266	232229	95.004	ng		98
71) Phenanthrene	11.504	178	3249435	155.942	ng		97
72) Anthracene	11.545	178	1285203	61.955	ng		100
73) Carbazole	11.698	167	867772	45.616	ng		97
74) Di-n-butylphthalate	12.016	149	1198975	49.026	ng	#	98
75) Fluoranthene	12.686	202	2005841	101.381	ng		95
77) Benzidine	12.798	184	395499	91.156	ng		98
78) Pyrene	12.916	202	1497550	107.967	ng		100
80) Butylbenzylphthalate	13.521	149	368914	56.181	ng		89
81) Benzo(a)anthracene	14.098	228	690590	64.162	ng		99
82) 3,3'-Dichlorobenzidine	14.057	252	133750	39.431	ng	#	97
83) Chrysene	14.133	228	646617	63.886	ng		98
84) Bis(2-ethylhexyl)phtha...	14.074	149	518735	60.171	ng	#	96
85) Di-n-octyl phthalate	14.692	149	760923	61.302	ng		98
87) Indeno(1,2,3-cd)pyrene	17.145	276	610693	52.702	ng	#	87
88) Benzo(b)fluoranthene	15.168	252	660898	55.682	ng	#	94
89) Benzo(k)fluoranthene	15.198	252	562190	49.108	ng	#	95
90) Benzo(a)pyrene	15.551	252	599642m	64.679	ng		
91) Dibenzo(a,h)anthracene	17.168	278	500174	52.190	ng	#	92
92) Benzo(g,h,i)perylene	17.615	276	511171	54.103	ng	#	87

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

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