Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129485.D
Acq On : 01 Aug 2022 21:31
Operator : CG\JU
Sample : N3976-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

Quant Time: Aug 02 01:18:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 01:11:25 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	173049	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	658765	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	298830	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	393587	20.000	ng		0.00
76) Chrysene-d12	14.051	240	315213	20.000	ng		0.00
86) Perylene-d12	15.533	264	366711	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1155901	108.811	ng		0.02
7) Phenol-d6	6.528	99	1469584	110.060	ng		0.00
23) Nitrobenzene-d5	7.445	82	912779	75.637	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	260361	90.623	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1504281	77.872	ng		0.00
79) Terphenyl-d14	12.986	244	990696	59.294	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	206590	43.103	ng		90
3) Pyridine	3.498	79	556262	41.792	ng		91
4) n-Nitrosodimethylamine	3.451	42	284883	48.741	ng		94
6) Aniline	6.545	93	610237	36.763	ng	#	60
8) 2-Chlorophenol	6.669	128	581945	50.142	ng		99
9) Benzaldehyde	6.434	77	420260	46.347	ng		98
10) Phenol	6.539	94	664886m	46.760	ng		
11) bis(2-Chloroethyl)ether	6.610	93	554484	49.171	ng		94
12) 1,3-Dichlorobenzene	6.816	146	609923	49.000	ng		99
13) 1,4-Dichlorobenzene	6.892	146	612611	48.393	ng		99
14) 1,2-Dichlorobenzene	7.045	146	589685	50.679	ng		98
15) Benzyl Alcohol	7.028	79	484621	50.043	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	757211	44.671	ng		49
17) 2-Methylphenol	7.145	107	436097	45.294	ng	#	89
18) Hexachloroethane	7.386	117	233811	49.052	ng		92
19) n-Nitroso-di-n-propyla...	7.292	70	384862	47.611	ng		93
20) 3+4-Methylphenols	7.298	107	544780	44.501	ng	#	82
22) Acetophenone	7.286	105	768565	50.111	ng		99
24) Nitrobenzene	7.463	77	590434	47.512	ng		96
25) Isophorone	7.698	82	1042572	48.197	ng		100
26) 2-Nitrophenol	7.775	139	297338	48.501	ng		98
27) 2,4-Dimethylphenol	7.822	122	489767m	53.259	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	657383	52.387	ng		99
29) 2,4-Dichlorophenol	8.028	162	438298	46.178	ng		97
30) 1,2,4-Trichlorobenzene	8.098	180	462744	47.101	ng		96
31) Naphthalene	8.181	128	1575066	47.060	ng		100
32) Benzoic acid	7.916	122	70998	10.680	ng		96
33) 4-Chloroaniline	8.233	127	328016	23.871	ng		95
34) Hexachlorobutadiene	8.292	225	279690	50.083	ng		99
35) Caprolactam	8.610	113	109277m	35.413	ng		
36) 4-Chloro-3-methylphenol	8.728	107	436342	43.344	ng		90
37) 2-Methylnaphthalene	8.875	142	999280	45.943	ng		99
38) 1-Methylnaphthalene	8.975	142	929195	44.255	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	429751	54.769	ng		98
41) Hexachlorocyclopentadiene	9.022	237	403766	115.559	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	269252	47.245	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	269251	43.444	ng		93
46) 1,1'-Biphenyl	9.333	154	1164460	53.395	ng		100
47) 2-Chloronaphthalene	9.363	162	892419	50.619	ng		99
48) 2-Nitroaniline	9.463	65	266100	45.391	ng		93
49) Acenaphthylene	9.780	152	1298006	48.453	ng		99
50) Dimethylphthalate	9.639	163	989017	47.943	ng		99
51) 2,6-Dinitrotoluene	9.704	165	215712	46.719	ng		99
52) Acenaphthene	9.951	154	838097m	47.900	ng		
53) 3-Nitroaniline	9.875	138	162752	29.851	ng		94
54) 2,4-Dinitrophenol	9.980	184	117523	49.859	ng		96
55) Dibenzofuran	10.122	168	1141515	47.327	ng		97
56) 4-Nitrophenol	10.057	139	247370	61.499	ng		99
57) 2,4-Dinitrotoluene	10.110	165	263251	43.645	ng		90
58) Fluorene	10.469	166	859704	44.547	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	177266	37.012	ng		95
60) Diethylphthalate	10.333	149	902318	45.247	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	398668	46.857	ng		94
62) 4-Nitroaniline	10.492	138	187805	34.723	ng		93
63) Azobenzene	10.616	77	853932	41.983	ng		95
65) 4,6-Dinitro-2-methylph...	10.516	198	96333	38.778	ng		92
66) n-Nitrosodiphenylamine	10.575	169	719124	54.864	ng		96
67) 4-Bromophenyl-phenylether	10.945	248	239997	55.685	ng		96
68) Hexachlorobenzene	11.010	284	252088	53.982	ng		97
69) Atrazine	11.104	200	208624	52.401	ng		97
70) Pentachlorophenol	11.216	266	153948	60.640	ng		98
71) Phenanthrene	11.427	178	1010864	47.050	ng		99
72) Anthracene	11.480	178	1034619	49.003	ng		100
73) Carbazole	11.639	167	892824	44.922	ng		99
74) Di-n-butylphthalate	11.957	149	1093740	46.210	ng		99
75) Fluoranthene	12.621	202	947122	43.508	ng		99
77) Benzidine	12.745	184	528562	47.466	ng		98
78) Pyrene	12.851	202	969417	36.777	ng		98
80) Butylbenzylphthalate	13.457	149	432855	37.860	ng		98
81) Benzo(a)anthracene	14.039	228	1006359	46.738	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	270582	38.061	ng	#	98
83) Chrysene	14.074	228	939061	46.275	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	602395	40.021	ng		100
85) Di-n-octyl phthalate	14.627	149	1145941	52.905	ng		97
87) Indeno(1,2,3-cd)pyrene	17.039	276	1104303	44.718	ng		99
88) Benzo(b)fluoranthene	15.098	252	1119750	46.033	ng		99
89) Benzo(k)fluoranthene	15.127	252	1101408	46.204	ng		99
90) Benzo(a)pyrene	15.474	252	998466	50.564	ng		99
91) Dibenzo(a,h)anthracene	17.056	278	953382	47.434	ng		99
92) Benzo(g,h,i)perylene	17.498	276	908609	44.240	ng		99

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

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