Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
Data File : BF126281.D
Acq On : 20 Dec 2021 16:42
Operator : JU/CG
Sample : M5022-39MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP13MSD

Quant Time: Dec 21 05:10:19 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	164903	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	638026	20.000	ng	#	0.00
39) Acenaphthene-d10	9.857	164	247713	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	349944	20.000	ng	#	0.00
76) Chrysene-d12	13.980	240	284329	20.000	ng		0.01
86) Perylene-d12	15.421	264	334907	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	940045	83.950	ng		0.01
7) Phenol-d6	6.445	99	1182926	83.198	ng		0.00
23) Nitrobenzene-d5	7.381	82	754363	64.034	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	142738	71.701	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	936943	66.338	ng		0.00
79) Terphenyl-d14	12.921	244	761647	46.560	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	265267	48.530	ng	#	100
3) Pyridine	3.357	79	572258	39.423	ng	#	76
4) n-Nitrosodimethylamine	3.310	42	277413	49.726	ng	#	1
6) Aniline	6.475	93	326020	18.052	ng		96
8) 2-Chlorophenol	6.604	128	523320	46.086	ng		91
9) Benzaldehyde	6.363	77	412888	48.123	ng		95
10) Phenol	6.463	94	693282	43.438	ng		87
11) bis(2-Chloroethyl)ether	6.551	93	574713	46.391	ng		96
12) 1,3-Dichlorobenzene	6.757	146	522286	45.596	ng		96
13) 1,4-Dichlorobenzene	6.834	146	527772	45.626	ng		94
14) 1,2-Dichlorobenzene	6.987	146	499314	46.686	ng		95
15) Benzyl Alcohol	6.957	79	436562	42.059	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.098	45	901274	44.456	ng		93
17) 2-Methylphenol	7.075	107	410957	41.312	ng		97
18) Hexachloroethane	7.334	117	202826	44.577	ng		95
19) n-Nitroso-di-n-propyla...	7.234	70	347958	39.864	ng	#	72
20) 3+4-Methylphenols	7.222	107	461441	39.238	ng	#	77
22) Acetophenone	7.228	105	673198	45.846	ng		98
24) Nitrobenzene	7.398	77	550867	46.841	ng		90
25) Isophorone	7.639	82	962711	43.275	ng	#	87
26) 2-Nitrophenol	7.716	139	245301	46.270	ng	#	82
27) 2,4-Dimethylphenol	7.757	122	409417	45.474	ng		95
28) bis(2-Chloroethoxy)met...	7.851	93	628626	42.979	ng	#	97
29) 2,4-Dichlorophenol	7.957	162	332282	41.520	ng		92
30) 1,2,4-Trichlorobenzene	8.045	180	363545	43.917	ng		98
31) Naphthalene	8.122	128	1331545	44.626	ng		98
32) Benzoic acid	7.863	122	276127	35.600	ng		95
33) 4-Chloroaniline	8.169	127	86832	6.970	ng		98
34) Hexachlorobutadiene	8.245	225	180912	44.499	ng		97
35) Caprolactam	8.534	113	115795	58.220	ng		87
36) 4-Chloro-3-methylphenol	8.651	107	366892	38.865	ng		89
37) 2-Methylnaphthalene	8.816	142	777474	42.311	ng		100
38) 1-Methylnaphthalene	8.916	142	717742	40.249	ng		95
40) 1,2,4,5-Tetrachloroben...	8.981	216	264555	49.483	ng	#	96
41) Hexachlorocyclopentadiene	8.969	237	215571	70.412	ng		95
43) 2,4,6-Trichlorophenol	9.092	196	183015	43.516	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	189860	43.593	ng	#	94
46) 1,1'-Biphenyl	9.281	154	872014	47.609	ng		97
47) 2-Chloronaphthalene	9.304	162	631633	45.834	ng		99
48) 2-Nitroaniline	9.392	65	228367	45.401	ng		87
49) Acenaphthylene	9.716	152	952952	45.255	ng		98
50) Dimethylphthalate	9.581	163	705197	44.942	ng		99
51) 2,6-Dinitrotoluene	9.639	165	150573	44.334	ng		97
52) Acenaphthene	9.892	154	616032	45.111	ng		99
53) 3-Nitroaniline	9.798	138	81655	18.916	ng	#	68
54) 2,4-Dinitrophenol	9.910	184	71414	51.067	ng	#	76
55) Dibenzofuran	10.063	168	800217	43.040	ng		96
56) 4-Nitrophenol	9.963	139	271931	87.209	ng	#	79
57) 2,4-Dinitrotoluene	10.039	165	185703	42.864	ng	#	93
58) Fluorene	10.404	166	554309	41.182	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.175	232	130062	40.276	ng	#	99
60) Diethylphthalate	10.280	149	665662	42.213	ng		98
61) 4-Chlorophenyl-phenyle...	10.398	204	241502	39.850	ng		93
62) 4-Nitroaniline	10.410	138	132216	36.511	ng	#	73
63) Azobenzene	10.557	77	767909	40.205	ng		84
65) 4,6-Dinitro-2-methylph...	10.445	198	49104	25.697	ng		89
66) n-Nitrosodiphenylamine	10.516	169	511293	45.526	ng		99
67) 4-Bromophenyl-phenylether	10.886	248	146089	44.481	ng		94
68) Hexachlorobenzene	10.951	284	166831	44.167	ng		89
69) Atrazine	11.039	200	148221	72.016	ng		96
70) Pentachlorophenol	11.145	266	178581	85.219	ng		90
71) Phenanthrene	11.363	178	816386	45.200	ng		98
72) Anthracene	11.416	178	843486	46.528	ng		99
73) Carbazole	11.569	167	772381	45.241	ng		98
74) Di-n-butylphthalate	11.904	149	993148	45.888	ng		100
75) Fluoranthene	12.551	202	823927	50.631	ng		93
77) Benzidine	12.669	184	409364	91.323	ng		97
78) Pyrene	12.780	202	857880	32.841	ng		97
80) Butylbenzylphthalate	13.404	149	437293	35.574	ng	#	86
81) Benzo(a)anthracene	13.968	228	708148	42.046	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	245592	31.918	ng	#	97
83) Chrysene	14.004	228	765949	43.771	ng		98
84) Bis(2-ethylhexyl)phtha...	13.963	149	533192	38.816	ng		100
85) Di-n-octyl phthalate	14.574	149	1214468	49.596	ng		98
87) Indeno(1,2,3-cd)pyrene	16.857	276	878179	39.312	ng	#	92
88) Benzo(b)fluoranthene	15.010	252	944540	46.938	ng		97
89) Benzo(k)fluoranthene	15.039	252	825676	42.892	ng	#	96
90) Benzo(a)pyrene	15.368	252	876840	52.428	ng		96
91) Dibenzo(a,h)anthracene	16.880	278	749012	41.247	ng	#	94
92) Benzo(g,h,i)perylene	17.292	276	719772	38.309	ng		92

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

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