Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
Data File : BF126280.D
Acq On : 20 Dec 2021 16:11
Operator : JU/CG
Sample : M5022-39MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP13MS

Quant Time: Dec 21 05:10:02 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	166215	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	657691	20.000	ng	#	0.00
39) Acenaphthene-d10	9.857	164	259711	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	372308	20.000	ng	#	0.00
76) Chrysene-d12	13.980	240	299868	20.000	ng		0.01
86) Perylene-d12	15.421	264	340633	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	971168	86.045	ng		0.01
7) Phenol-d6	6.445	99	1230267	85.844	ng		0.00
23) Nitrobenzene-d5	7.381	82	781945	64.391	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	149591	71.672	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	989574	66.828	ng		0.00
79) Terphenyl-d14	12.922	244	795919	46.134	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	270133	49.030	ng	#	100
3) Pyridine	3.357	79	592335	40.484	ng	#	77
4) n-Nitrosodimethylamine	3.310	42	281835	50.120	ng	#	1
6) Aniline	6.475	93	338012	18.568	ng		97
8) 2-Chlorophenol	6.604	128	535915	46.822	ng		92
9) Benzaldehyde	6.363	77	425628	49.216	ng		95
10) Phenol	6.463	94	725360	45.090	ng		87
11) bis(2-Chloroethyl)ether	6.551	93	605580	48.497	ng		97
12) 1,3-Dichlorobenzene	6.757	146	536243	46.445	ng		97
13) 1,4-Dichlorobenzene	6.834	146	536215	45.990	ng		94
14) 1,2-Dichlorobenzene	6.987	146	507331	47.061	ng		95
15) Benzyl Alcohol	6.957	79	454775	43.468	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.098	45	931058	45.563	ng		93
17) 2-Methylphenol	7.075	107	429021	42.787	ng		96
18) Hexachloroethane	7.334	117	211005	46.009	ng		95
19) n-Nitroso-di-n-propyla...	7.234	70	362080	41.155	ng	#	73
20) 3+4-Methylphenols	7.222	107	476180	40.171	ng	#	80
22) Acetophenone	7.228	105	689449	45.549	ng		97
24) Nitrobenzene	7.398	77	574711	47.408	ng		90
25) Isophorone	7.639	82	1010678	44.073	ng	#	87
26) 2-Nitrophenol	7.716	139	258003	47.211	ng	#	82
27) 2,4-Dimethylphenol	7.757	122	429540	46.283	ng		98
28) bis(2-Chloroethoxy)met...	7.851	93	655894	43.502	ng	#	96
29) 2,4-Dichlorophenol	7.957	162	353280	42.824	ng		93
30) 1,2,4-Trichlorobenzene	8.045	180	373285	43.746	ng		99
31) Naphthalene	8.122	128	1373471	44.655	ng		98
32) Benzoic acid	7.869	122	294188	36.795	ng		94
33) 4-Chloroaniline	8.169	127	91366	7.114	ng		97
34) Hexachlorobutadiene	8.245	225	187565	44.755	ng		98
35) Caprolactam	8.539	113	118569	57.832	ng		95
36) 4-Chloro-3-methylphenol	8.651	107	390859	40.165	ng		89
37) 2-Methylnaphthalene	8.816	142	811820	42.859	ng		100
38) 1-Methylnaphthalene	8.916	142	751875	40.903	ng		96
40) 1,2,4,5-Tetrachloroben...	8.981	216	276785	49.379	ng	#	96
41) Hexachlorocyclopentadiene	8.969	237	229751	71.577	ng		95
43) 2,4,6-Trichlorophenol	9.092	196	190714	43.252	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	195363	42.785	ng	#	92
46) 1,1'-Biphenyl	9.281	154	913359	47.563	ng		97
47) 2-Chloronaphthalene	9.304	162	664121	45.966	ng		99
48) 2-Nitroaniline	9.392	65	236713	44.886	ng		89
49) Acenaphthylene	9.716	152	1010505	45.771	ng		98
50) Dimethylphthalate	9.581	163	735759	44.723	ng		98
51) 2,6-Dinitrotoluene	9.639	165	157978	44.366	ng		93
52) Acenaphthene	9.892	154	648704	45.309	ng		99
53) 3-Nitroaniline	9.804	138	91341	20.182	ng		84
54) 2,4-Dinitrophenol	9.910	184	73382	50.050	ng	#	78
55) Dibenzofuran	10.063	168	840068	43.096	ng		96
56) 4-Nitrophenol	9.963	139	285779	87.416	ng	#	78
57) 2,4-Dinitrotoluene	10.039	165	203256	44.748	ng	#	94
58) Fluorene	10.404	166	577410	40.917	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.181	232	139801	41.292	ng	#	99
60) Diethylphthalate	10.281	149	707042	42.766	ng		98
61) 4-Chlorophenyl-phenyle...	10.398	204	255960	40.284	ng		93
62) 4-Nitroaniline	10.416	138	138531	36.488	ng	#	70
63) Azobenzene	10.557	77	816620	40.780	ng		83
65) 4,6-Dinitro-2-methylph...	10.445	198	50419	24.800	ng		91
66) n-Nitrosodiphenylamine	10.516	169	535938	44.853	ng		97
67) 4-Bromophenyl-phenylether	10.886	248	153180	43.838	ng		94
68) Hexachlorobenzene	10.951	284	176320	43.875	ng		90
69) Atrazine	11.039	200	156217	71.342	ng		98
70) Pentachlorophenol	11.145	266	187859	84.261	ng		93
71) Phenanthrene	11.363	178	856805	44.588	ng		98
72) Anthracene	11.416	178	892249	46.261	ng		99
73) Carbazole	11.569	167	812101	44.710	ng		100
74) Di-n-butylphthalate	11.904	149	1035486	44.970	ng		99
75) Fluoranthene	12.551	202	847816	48.970	ng		92
77) Benzidine	12.674	184	440625	93.203	ng		98
78) Pyrene	12.780	202	894699	32.476	ng		97
80) Butylbenzylphthalate	13.404	149	457627	35.299	ng	#	87
81) Benzo(a)anthracene	13.968	228	731489	41.181	ng		100
82) 3,3'-Dichlorobenzidine	13.927	252	282020	34.753	ng	#	97
83) Chrysene	14.004	228	783638	42.462	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	559052	38.590	ng		99
85) Di-n-octyl phthalate	14.574	149	1238300	47.949	ng		98
87) Indeno(1,2,3-cd)pyrene	16.857	276	904217	39.797	ng	#	92
88) Benzo(b)fluoranthene	15.010	252	965317	47.164	ng		97
89) Benzo(k)fluoranthene	15.039	252	861614	44.006	ng	#	95
90) Benzo(a)pyrene	15.363	252	899268	52.865	ng	#	95
91) Dibenzo(a,h)anthracene	16.880	278	772172	41.807	ng	#	96
92) Benzo(g,h,i)perylene	17.292	276	734297	38.425	ng		93

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

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