Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125265.D
Acq On : 30 Aug 2021 16:37
Operator : JU/CG
Sample : M3569-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-2MSD

Manual Integrations APPROVED
mohammad
8/31/2021 11:30:30 AM

Quant Time: Aug 30 17:30:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.916	152	176278	20.000	ng		0.00
21) Naphthalene-d8	8.198	136	694353	20.000	ng	#	0.00
39) Acenaphthene-d10	9.951	164	379493	20.000	ng		0.00
64) Phenanthrene-d10	11.439	188	711575	20.000	ng		0.00
76) Chrysene-d12	14.086	240	425699	20.000	ng	#	0.00
86) Perylene-d12	15.586	264	471893	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	1214938	104.320	ng		0.00
7) Phenol-d6	6.545	99	1563482	103.801	ng		0.00
23) Nitrobenzene-d5	7.481	82	1030993	74.752	ng		0.00
42) 2,4,6-Tribromophenol	10.745	330	529702	139.830	ng		0.00
45) 2-Fluorobiphenyl	9.275	172	1795709	65.949	ng		0.00
79) Terphenyl-d14	13.027	244	1877110	70.247	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	215576	37.512	ng	#	100
3) Pyridine	3.498	79	498735	32.874	ng	#	93
4) n-Nitrosodimethylamine	3.457	42	296591	39.069	ng	#	32
6) Aniline	6.575	93	768076	43.412	ng	#	93
8) 2-Chlorophenol	6.698	128	514347	43.292	ng	#	80
9) Benzaldehyde	6.463	77	367783	34.793	ng		91
10) Phenol	6.557	94	715473	45.359	ng		98
11) bis(2-Chloroethyl)ether	6.651	93	547425	44.066	ng		89
12) 1,3-Dichlorobenzene	6.857	146	577895	41.975	ng		98
13) 1,4-Dichlorobenzene	6.934	146	582482	42.461	ng		98
14) 1,2-Dichlorobenzene	7.086	146	561154	43.480	ng		100
15) Benzyl Alcohol	7.057	79	494378	42.629	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.192	45	1026130	41.188	ng		95
17) 2-Methylphenol	7.163	107	435752	43.661	ng		94
18) Hexachloroethane	7.428	117	204442	42.559	ng	#	85
19) n-Nitroso-di-n-propyla...	7.328	70	386039	42.610	ng	#	77
20) 3+4-Methylphenols	7.316	107	537050	42.868	ng		91
22) Acetophenone	7.328	105	734825	41.121	ng	#	97
24) Nitrobenzene	7.498	77	607471	40.421	ng		88
25) Isophorone	7.734	82	1083188	40.711	ng	#	88
26) 2-Nitrophenol	7.816	139	285173	47.522	ng	#	84
27) 2,4-Dimethylphenol	7.845	122	464754	44.239	ng		88
28) bis(2-Chloroethoxy)met...	7.945	93	667540	45.313	ng	#	97
29) 2,4-Dichlorophenol	8.057	162	460095	42.944	ng		97
30) 1,2,4-Trichlorobenzene	8.139	180	479215	41.017	ng		93
31) Naphthalene	8.222	128	1428301	40.166	ng		100
32) Benzoic acid	7.975	122	357662	50.160	ng		87
33) 4-Chloroaniline	8.269	127	471614	33.642	ng	#	93
34) Hexachlorobutadiene	8.333	225	309748	41.579	ng		99
35) Caprolactam	8.639	113	162444m	58.537	ng		
36) 4-Chloro-3-methylphenol	8.745	107	511360	46.753	ng		91
37) 2-Methylnaphthalene	8.910	142	1001062	42.601	ng		98
38) 1-Methylnaphthalene	9.010	142	925369	42.171	ng		95
40) 1,2,4,5-Tetrachloroben...	9.075	216	506136	40.822	ng		97
41) Hexachlorocyclopentadiene	9.063	237	485364	74.510	ng		98
43) 2,4,6-Trichlorophenol	9.186	196	363948	41.689	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	396983	43.222	ng		93
46) 1,1'-Biphenyl	9.375	154	1178141	38.508	ng		98
47) 2-Chloronaphthalene	9.398	162	988425	39.755	ng		97
48) 2-Nitroaniline	9.492	65	374359	48.574	ng	#	80
49) Acenaphthylene	9.816	152	1517890	41.896	ng		98
50) Dimethylphthalate	9.675	163	1181411	44.923	ng		97
51) 2,6-Dinitrotoluene	9.739	165	260929	45.757	ng		97
52) Acenaphthene	9.986	154	920928	41.004	ng		98
53) 3-Nitroaniline	9.904	138	244388	39.741	ng	#	79
54) 2,4-Dinitrophenol	10.016	184	278142	123.482	ng	#	79
55) Dibenzofuran	10.163	168	1347675	41.694	ng		97
56) 4-Nitrophenol	10.069	139	467316	95.962	ng	#	76
57) 2,4-Dinitrotoluene	10.139	165	367869	53.302	ng	#	95
58) Fluorene	10.504	166	1083848	45.355	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.275	232	320059	46.957	ng	#	84
60) Diethylphthalate	10.375	149	1202230	46.892	ng		97
61) 4-Chlorophenyl-phenyle...	10.492	204	531521	43.991	ng		88
62) 4-Nitroaniline	10.522	138	289632	52.376	ng	#	82
63) Azobenzene	10.651	77	1211194	42.118	ng		91
65) 4,6-Dinitro-2-methylph...	10.551	198	184926	49.103	ng	#	77
66) n-Nitrosodiphenylamine	10.610	169	1021441	40.090	ng		97
67) 4-Bromophenyl-phenylether	10.986	248	375707	43.969	ng	#	89
68) Hexachlorobenzene	11.051	284	389672	44.330	ng	#	85
69) Atrazine	11.139	200	358495	49.033	ng		90
70) Pentachlorophenol	11.245	266	432976	84.358	ng		92
71) Phenanthrene	11.469	178	2022497	51.584	ng		96
72) Anthracene	11.522	178	1729580	44.755	ng		98
73) Carbazole	11.674	167	1452213	41.121	ng		99
74) Di-n-butylphthalate	11.998	149	1905660	45.472	ng		100
75) Fluoranthene	12.657	202	2136549	54.918	ng		97
77) Benzidine	12.780	184	1065553	71.670	ng		97
78) Pyrene	12.886	202	2010922	55.069	ng		95
80) Butylbenzylphthalate	13.498	149	660303	46.019	ng		91
81) Benzo(a)anthracene	14.074	228	1604112	52.299	ng		98
82) 3,3'-Dichlorobenzidine	14.033	252	468426	49.268	ng		99
83) Chrysene	14.115	228	1522286	50.186	ng		97
84) Bis(2-ethylhexyl)phtha...	14.057	149	936948	47.510	ng	#	100
85) Di-n-octyl phthalate	14.674	149	1579973	48.170	ng		100
87) Indeno(1,2,3-cd)pyrene	17.103	276	1323798	38.940	ng	#	90
88) Benzo(b)fluoranthene	15.145	252	1843578	53.475	ng	#	95
89) Benzo(k)fluoranthene	15.174	252	1337057	41.561	ng		99
90) Benzo(a)pyrene	15.527	252	1589660m	52.200	ng		
91) Dibenzo(a,h)anthracene	17.127	278	1058676m	36.026	ng		
92) Benzo(g,h,i)perylene	17.568	276	1026221	36.218	ng	#	88

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

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