Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
Data File : BF125172.D
Acq On : 24 Aug 2021 00:30
Operator : JU/CG
Sample : M3419-10MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SWCS-03-1015MSD

Manual Integrations APPROVED
mohammad
8/24/2021 11:20:11 AM

Quant Time: Aug 24 04:50:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 10:15:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	164450	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	647572	20.000	ng	#	0.00
39) Acenaphthene-d10	9.963	164	317473	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	501147	20.000	ng		0.00
76) Chrysene-d12	14.098	240	349329	20.000	ng	#	0.00
86) Perylene-d12	15.592	264	268613	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.551	112	1164523	107.183	ng		0.01
7) Phenol-d6	6.551	99	1495189	106.406	ng		0.00
23) Nitrobenzene-d5	7.487	82	1018872	79.210	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	390680	123.279	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	1624810	71.330	ng		0.00
79) Terphenyl-d14	13.033	244	1382994	63.070	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	206587	38.534	ng	#	100
3) Pyridine	3.552	79	477973	33.772	ng		89
4) n-Nitrosodimethylamine	3.510	42	327005	46.173	ng	#	53
6) Aniline	6.587	93	667602	40.447	ng	#	92
8) 2-Chlorophenol	6.710	128	511146	46.117	ng		82
9) Benzaldehyde	6.475	77	390574	39.606	ng		92
10) Phenol	6.563	94	674071	45.807	ng		91
11) bis(2-Chloroethyl)ether	6.657	93	520867	44.944	ng		84
12) 1,3-Dichlorobenzene	6.863	146	560258	43.621	ng		95
13) 1,4-Dichlorobenzene	6.940	146	571876	44.686	ng		97
14) 1,2-Dichlorobenzene	7.092	146	543362	45.129	ng		97
15) Benzyl Alcohol	7.063	79	508645	47.014	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.198	45	1041274	44.802	ng		99
17) 2-Methylphenol	7.175	107	425168	45.665	ng		96
18) Hexachloroethane	7.440	117	205563	45.871	ng	#	82
19) n-Nitroso-di-n-propyla...	7.340	70	378994	44.841	ng	#	79
20) 3+4-Methylphenols	7.322	107	499905	42.773	ng		93
22) Acetophenone	7.334	105	715825	42.951	ng	#	91
24) Nitrobenzene	7.510	77	604092	43.100	ng		91
25) Isophorone	7.745	82	1053254	42.446	ng	#	89
26) 2-Nitrophenol	7.822	139	276815	49.461	ng	#	80
27) 2,4-Dimethylphenol	7.857	122	473138	48.291	ng		89
28) bis(2-Chloroethoxy)met...	7.951	93	635285	46.239	ng	#	97
29) 2,4-Dichlorophenol	8.063	162	436846	43.719	ng		96
30) 1,2,4-Trichlorobenzene	8.145	180	462260	42.424	ng		94
31) Naphthalene	8.234	128	1357826	40.942	ng		99
32) Benzoic acid	7.981	122	346605	52.121	ng	#	79
33) 4-Chloroaniline	8.275	127	404215	30.917	ng	#	90
34) Hexachlorobutadiene	8.345	225	304243	43.790	ng		99
35) Caprolactam	8.651	113	141889m	54.824	ng		
36) 4-Chloro-3-methylphenol	8.757	107	464993	45.585	ng		92
37) 2-Methylnaphthalene	8.922	142	935120	42.670	ng		99
38) 1-Methylnaphthalene	9.022	142	857551	41.903	ng		97
40) 1,2,4,5-Tetrachloroben...	9.086	216	477106	45.998	ng		97
41) Hexachlorocyclopentadiene	9.069	237	307776	56.478	ng		97
43) 2,4,6-Trichlorophenol	9.198	196	326374	44.688	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.234	196	339521	44.187	ng		97
46) 1,1'-Biphenyl	9.386	154	1078418	42.134	ng		99
47) 2-Chloronaphthalene	9.410	162	881264	42.370	ng		98
48) 2-Nitroaniline	9.504	65	321668	49.891	ng	#	80
49) Acenaphthylene	9.828	152	1296059	42.762	ng		98
50) Dimethylphthalate	9.686	163	1043320	47.422	ng	#	97
51) 2,6-Dinitrotoluene	9.745	165	222766	46.696	ng	#	80
52) Acenaphthene	9.998	154	855503	45.532	ng		97
53) 3-Nitroaniline	9.916	138	182319	35.439	ng	#	80
54) 2,4-Dinitrophenol	10.022	184	161057	85.470	ng	#	80
55) Dibenzofuran	10.169	168	1101790	40.746	ng		98
56) 4-Nitrophenol	10.075	139	335654	82.390	ng	#	78
57) 2,4-Dinitrotoluene	10.151	165	291119	50.421	ng	#	95
58) Fluorene	10.516	166	836924	41.864	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	250165	43.872	ng	#	87
60) Diethylphthalate	10.381	149	997944	46.528	ng		100
61) 4-Chlorophenyl-phenyle...	10.504	204	439113	43.443	ng		88
62) 4-Nitroaniline	10.528	138	197938	42.787	ng		85
63) Azobenzene	10.663	77	977582	40.635	ng		91
65) 4,6-Dinitro-2-methylph...	10.557	198	109729	41.370	ng		80
66) n-Nitrosodiphenylamine	10.622	169	797402	44.438	ng		98
67) 4-Bromophenyl-phenylether	10.992	248	281366	46.755	ng		97
68) Hexachlorobenzene	11.063	284	281559	45.480	ng	#	82
69) Atrazine	11.145	200	252707	49.077	ng		92
70) Pentachlorophenol	11.251	266	325020	89.914	ng		92
71) Phenanthrene	11.475	178	1164250	42.162	ng		98
72) Anthracene	11.527	178	1178531	43.301	ng		98
73) Carbazole	11.680	167	1015532	40.830	ng		100
74) Di-n-butylphthalate	12.010	149	1329276	45.037	ng		100
75) Fluoranthene	12.669	202	1200313	43.808	ng		97
77) Benzidine	12.786	184	716232	58.706	ng		98
78) Pyrene	12.898	202	1217352	40.625	ng		97
80) Butylbenzylphthalate	13.510	149	534242	45.373	ng		91
81) Benzo(a)anthracene	14.086	228	1091435	43.363	ng		99
82) 3,3'-Dichlorobenzidine	14.045	252	404600	51.858	ng		99
83) Chrysene	14.121	228	1038822	41.734	ng		97
84) Bis(2-ethylhexyl)phtha...	14.069	149	727133	44.932	ng	#	99
85) Di-n-octyl phthalate	14.686	149	1209358	44.932	ng		100
87) Indeno(1,2,3-cd)pyrene	17.115	276	763901	39.475	ng	#	90
88) Benzo(b)fluoranthene	15.151	252	949078	48.362	ng	#	95
89) Benzo(k)fluoranthene	15.186	252	827260	45.175	ng		99
90) Benzo(a)pyrene	15.533	252	817460	47.157	ng	#	95
91) Dibenzo(a,h)anthracene	17.139	278	648981	38.798	ng	#	94
92) Benzo(g,h,i)perylene	17.580	276	628245	38.952	ng	#	88

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

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