Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
Data File : BF119045.D
Acq On : 25 Feb 2020 2:52
Operator : CG/JU
Sample : L1635-13MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LIED-TS001-01MSD

Manual Integrations APPROVED
mohammad
2/25/2020 4:19:32 PM

Quant Time: Feb 25 03:41:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	163853	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	614238	20.00	ng		-0.01
39) Acenaphthene-d10	9.79	164	330175	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	592512	20.00	ng		0.00
76) Chrysene-d12	13.91	240	370386	20.00	ng		0.00
87) Perylene-d12	15.33	264	367686	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1065325	108.66	ng		0.01
7) Phenol-d6	6.40	99	1294774	108.58	ng		0.00
23) Nitrobenzene-d5	7.32	82	865917	74.43	ng		0.00
42) 2,4,6-Tribromophenol	10.58	330	450739	104.36	ng		0.00
45) 2-Fluorobiphenyl	9.12	172	1673870	74.68	ng		0.00
79) Terphenyl-d14	12.85	244	1763879	81.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	160234	36.706	ng		99
3) Pyridine	3.28	79	411066	34.480	ng		98
4) n-Nitrosodimethylamine	3.20	42	156983	43.467	ng		93
6) Aniline	6.42	93	190848	12.971	ng	#	1
8) 2-Chlorophenol	6.55	128	481204	45.478	ng		97
9) Benzaldehyde	6.30	77	203923	25.597	ng		100
10) Phenol	6.42	94	547166	42.441	ng		95
11) bis(2-Chloroethyl)ether	6.49	93	426562	43.242	ng		99
12) 1,3-Dichlorobenzene	6.70	146	523088	41.246	ng		100
13) 1,4-Dichlorobenzene	6.77	146	528457	41.641	ng		99
14) 1,2-Dichlorobenzene	6.93	146	490410	42.372	ng		98
15) Benzyl Alcohol	6.90	79	390005	45.254	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	350490	41.017	ng		78
17) 2-Methylphenol	7.02	107	377138	43.962	ng		95
18) Hexachloroethane	7.27	117	189922	41.830	ng		97
19) n-Nitroso-di-n-propylamine	7.17	70	305627	43.986	ng		99
20) 3+4-Methylphenols	7.17	107	469687	44.689	ng	#	77
22) Acetophenone	7.17	105	621972	43.764	ng		97
24) Nitrobenzene	7.34	77	475302	41.316	ng		100
25) Isophorone	7.58	82	853817	42.261	ng		100
26) 2-Nitrophenol	7.66	139	267376	43.865	ng		98
27) 2,4-Dimethylphenol	7.70	122	385459	46.595	ng		96
28) bis(2-Chloroethoxy)methane	7.79	93	533374	40.559	ng		99
29) 2,4-Dichlorophenol	7.90	162	406138	41.703	ng		99
30) 1,2,4-Trichlorobenzene	7.98	180	463038	40.101	ng		99
31) Naphthalene	8.06	128	1333681	41.867	ng		99
32) Benzoic acid	7.85	122	264344	44.378	ng		98
33) 4-Chloroaniline	8.11	127	64116	4.680	ng		96
34) Hexachlorobutadiene	8.18	225	282271	39.245	ng		98
35) Caprolactam	8.49	113	115275m	38.441	ng		
36) 4-Chloro-3-methylphenol	8.61	107	412278	41.829	ng		95
37) 2-Methylnaphthalene	8.75	142	921731	42.996	ng		100
38) 1-Methylnaphthalene	8.85	142	861092	42.710	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	459694	41.294	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	296183	73.905 ng	95
43) 2,4,6-Trichlorophenol	9.03	196	297268	42.286 ng	100
44) 2,4,5-Trichlorophenol	9.08	196	310697	42.118 ng	96
46) 1,1'-Biphenyl	9.22	154	1091935	40.920 ng	99
47) 2-Chloronaphthalene	9.24	162	872006	40.551 ng	99
48) 2-Nitroaniline	9.33	65	234197	39.047 ng	96
49) Acenaphthylene	9.65	152	1333282	42.929 ng	100
50) Dimethylphthalate	9.52	163	1163316	46.076 ng	99
51) 2,6-Dinitrotoluene	9.58	165	237876	42.407 ng	97
52) Acenaphthene	9.82	154	776134	41.443 ng	100
53) 3-Nitroaniline	9.75	138	62276	10.014 ng	99
54) 2,4-Dinitrophenol	9.86	184	196380	72.777 ng	92
55) Dibenzofuran	10.00	168	1184828	42.387 ng	99
56) 4-Nitrophenol	9.93	139	298385	79.862 ng	95
57) 2,4-Dinitrotoluene	9.99	165	300352	41.310 ng	93
58) Fluorene	10.34	166	911287	41.955 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	256382	41.189 ng	99
60) Diethylphthalate	10.22	149	999164	41.994 ng	100
61) 4-Chlorophenyl-phenylether	10.33	204	489244	42.553 ng	98
62) 4-Nitroaniline	10.36	138	204983	32.218 ng	100
63) Azobenzene	10.49	77	879700	42.536 ng	95
65) 4,6-Dinitro-2-methylphenol	10.40	198	160988	44.901 ng	93
66) n-Nitrosodiphenylamine	10.45	169	821770	42.357 ng	100
67) 4-Bromophenyl-phenylether	10.82	248	321226	41.476 ng	97
68) Hexachlorobenzene	10.89	284	356765	39.954 ng	97
69) Atrazine	10.98	200	295835	43.643 ng	98
70) Pentachlorophenol	11.09	266	308724	85.828 ng	99
71) Phenanthrene	11.30	178	1315083	40.699 ng	99
72) Anthracene	11.35	178	1373239	42.534 ng	100
73) Carbazole	11.50	167	1140418	39.649 ng	99
74) Di-n-butylphthalate	11.83	149	1495572	42.937 ng	99
75) Fluoranthene	12.49	202	1306836	38.101 ng	98
77) Benzidine	12.60	184	341540	22.674 ng	97
78) Pyrene	12.71	202	1288485	43.323 ng	100
80) Butylbenzylphthalate	13.33	149	555995	44.418 ng	95
81) Benzo(a)anthracene	13.90	228	995691	39.454 ng	99
82) 3,3'-Dichlorobenzidine	13.86	252	211195	21.551 ng	100
83) Chrysene	13.93	228	977122	38.857 ng	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	752305	47.572 ng	99
85) Di-n-octyl phthalate	14.49	149	1166420	46.293 ng	100
86) Indeno(1,2,3-cd)pyrene	16.75	276	1165982	47.887 ng	98
88) Benzo(b)fluoranthene	14.93	252	965996	39.858 ng	99
89) Benzo(k)fluoranthene	14.96	252	946951	42.162 ng	99
90) Benzo(a)pyrene	15.27	252	884425	40.434 ng	99
91) Dibenzo(a,h)anthracene	16.75	278	966433	50.214 ng	99
92) Benzo(g,h,i)perylene	17.17	276	1009552	53.089 ng	99

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

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