Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
Data File : BF119044.D
Acq On : 25 Feb 2020 2:23
Operator : CG/JU
Sample : L1635-12MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LIED-TS001-01MS

Manual Integrations APPROVED
mohammad
2/25/2020 4:19:29 PM

Quant Time: Feb 25 03:40:04 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	166340	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	625116	20.00	ng		0.00
39) Acenaphthene-d10	9.79	164	336866	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	609402	20.00	ng		0.00
76) Chrysene-d12	13.91	240	386223	20.00	ng		0.00
87) Perylene-d12	15.33	264	380548	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1032058	103.69	ng		0.01
7) Phenol-d6	6.40	99	1248983	103.18	ng		0.00
23) Nitrobenzene-d5	7.32	82	828331	69.96	ng		0.00
42) 2,4,6-Tribromophenol	10.58	330	443375	100.61	ng		0.00
45) 2-Fluorobiphenyl	9.12	172	1616151	70.68	ng		0.00
79) Terphenyl-d14	12.85	244	1798499	80.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	166279	37.521	ng		98
3) Pyridine	3.27	79	425775	35.180	ng		100
4) n-Nitrosodimethylamine	3.20	42	167114	45.581	ng		94
6) Aniline	6.42	93	232873	15.590	ng	#	1
8) 2-Chlorophenol	6.55	128	512540	47.715	ng		97
9) Benzaldehyde	6.30	77	216707	26.795	ng		100
10) Phenol	6.42	94	580531	44.356	ng		96
11) bis(2-Chloroethyl)ether	6.49	93	458625	45.798	ng		99
12) 1,3-Dichlorobenzene	6.70	146	559222	43.436	ng		99
13) 1,4-Dichlorobenzene	6.77	146	565299	43.878	ng		99
14) 1,2-Dichlorobenzene	6.93	146	526203	44.784	ng		99
15) Benzyl Alcohol	6.90	79	417705	47.744	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	375365	43.271	ng		78
17) 2-Methylphenol	7.02	107	403557	46.339	ng		95
18) Hexachloroethane	7.26	117	201415	43.698	ng		95
19) n-Nitroso-di-n-propylamine	7.17	70	329503	46.713	ng		98
20) 3+4-Methylphenols	7.17	107	497493	46.627	ng	#	80
22) Acetophenone	7.17	105	657015	45.426	ng		97
24) Nitrobenzene	7.34	77	511517	43.690	ng		99
25) Isophorone	7.58	82	926231	45.047	ng		100
26) 2-Nitrophenol	7.66	139	285214	45.977	ng		97
27) 2,4-Dimethylphenol	7.70	122	414963	49.288	ng		96
28) bis(2-Chloroethoxy)methane	7.79	93	565401	42.247	ng		99
29) 2,4-Dichlorophenol	7.90	162	436887	44.080	ng		99
30) 1,2,4-Trichlorobenzene	7.98	180	494375	42.070	ng		99
31) Naphthalene	8.06	128	1423278	43.902	ng		99
32) Benzoic acid	7.85	122	287111	46.912	ng		97
33) 4-Chloroaniline	8.11	127	75115	5.387	ng		98
34) Hexachlorobutadiene	8.18	225	303705	41.491	ng		98
35) Caprolactam	8.49	113	123710m	40.536	ng		
36) 4-Chloro-3-methylphenol	8.61	107	449777	44.840	ng		96
37) 2-Methylnaphthalene	8.75	142	978217	44.837	ng		98
38) 1-Methylnaphthalene	8.85	142	910332	44.367	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	489085	43.062	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	314537	76.542	ng		95
43) 2,4,6-Trichlorophenol	9.03	196	322099	44.909	ng		99
44) 2,4,5-Trichlorophenol	9.08	196	338587	44.987	ng		94
46) 1,1'-Biphenyl	9.22	154	1179840	43.336	ng		99
47) 2-Chloronaphthalene	9.24	162	942688	42.967	ng		98
48) 2-Nitroaniline	9.34	65	253933	41.496	ng		94
49) Acenaphthylene	9.65	152	1436943	45.347	ng		100
50) Dimethylphthalate	9.52	163	1250069	48.529	ng		100
51) 2,6-Dinitrotoluene	9.58	165	258648	45.194	ng		99
52) Acenaphthene	9.83	154	842772	44.108	ng		100
53) 3-Nitroaniline	9.75	138	78593	12.387	ng		100
54) 2,4-Dinitrophenol	9.86	184	217911	78.498	ng	#	90
55) Dibenzofuran	10.00	168	1259489	44.163	ng		99
56) 4-Nitrophenol	9.93	139	327504	85.914	ng		99
57) 2,4-Dinitrotoluene	9.99	165	323046	43.548	ng	#	91
58) Fluorene	10.34	166	991810	44.755	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	278346	43.829	ng		100
60) Diethylphthalate	10.22	149	1088379	44.835	ng		99
61) 4-Chlorophenyl-phenylether	10.33	204	522498	44.543	ng		97
62) 4-Nitroaniline	10.36	138	229148	35.301	ng		99
63) Azobenzene	10.49	77	956570	45.334	ng		97
65) 4,6-Dinitro-2-methylphenol	10.40	198	178253	48.339	ng		95
66) n-Nitrosodiphenylamine	10.45	169	898784	45.043	ng		100
67) 4-Bromophenyl-phenylether	10.82	248	351465	44.122	ng		97
68) Hexachlorobenzene	10.89	284	392665	42.755	ng		96
69) Atrazine	10.98	200	320700	46.000	ng		100
70) Pentachlorophenol	11.09	266	346189	93.576	ng		99
71) Phenanthrene	11.30	178	1448970	43.599	ng		99
72) Anthracene	11.35	178	1509320	45.453	ng		100
73) Carbazole	11.50	167	1272925	43.030	ng		99
74) Di-n-butylphthalate	11.83	149	1637267	45.702	ng		99
75) Fluoranthene	12.49	202	1448701	41.067	ng		99
77) Benzidine	12.60	184	404366	25.744	ng		97
78) Pyrene	12.71	202	1425680	45.970	ng		100
80) Butylbenzylphthalate	13.33	149	633230	48.514	ng		95
81) Benzo(a)anthracene	13.90	228	1115693	42.396	ng		99
82) 3,3'-Dichlorobenzidine	13.86	252	240944	23.579	ng		99
83) Chrysene	13.93	228	1110189	42.339	ng		99
84) Bis(2-ethylhexyl)phthalate	13.89	149	859631	52.130	ng		99
85) Di-n-octyl phthalate	14.50	149	1339737	50.992	ng		100
86) Indeno(1,2,3-cd)pyrene	16.75	276	1271561	50.082	ng		98
88) Benzo(b)fluoranthene	14.93	252	1049107	41.824	ng		99
89) Benzo(k)fluoranthene	14.96	252	1088226	46.814	ng		99
90) Benzo(a)pyrene	15.28	252	978437	43.220	ng		99
91) Dibenzo(a,h)anthracene	16.76	278	1059803	53.205	ng		98
92) Benzo(g,h,i)perylene	17.17	276	1100913	55.937	ng		98

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

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