Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
Data File : BF119494.D
Acq On : 24 Mar 2020 18:59
Operator : CG/JU
Sample : L2009-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MS

Manual Integrations APPROVED
mohammad
3/25/2020 12:29:36 PM

Quant Time: Mar 25 00:21:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	303255	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	1164612	20.00	ng		-0.01
39) Acenaphthene-d10	9.89	164	595311	20.00	ng		-0.01
64) Phenanthrene-d10	11.38	188	1146116	20.00	ng		-0.01
76) Chrysene-d12	14.02	240	781794	20.00	ng		-0.01
87) Perylene-d12	15.49	264	673086	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	2100133	110.24	ng		0.00
7) Phenol-d6	6.47	99	2743675	112.75	ng		0.00
23) Nitrobenzene-d5	7.41	82	1733552	80.90	ng		-0.01
42) 2,4,6-Tribromophenol	10.69	330	786253	128.02	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	3160616	78.65	ng		-0.01
79) Terphenyl-d14	12.97	244	3476774	87.13	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	337844	35.908	ng		98
3) Pyridine	3.40	79	927025	35.765	ng		98
4) n-Nitrosodimethylamine	3.36	42	507599	40.158	ng		97
6) Aniline	6.50	93	510683	15.205	ng		97
8) 2-Chlorophenol	6.63	128	961946	48.079	ng		100
9) Benzaldehyde	6.39	77	622988	40.356	ng		98
10) Phenol	6.49	94	1174174	45.220	ng		98
11) bis(2-Chloroethyl)ether	6.58	93	898217	43.252	ng		99
12) 1,3-Dichlorobenzene	6.79	146	965039	44.565	ng		98
13) 1,4-Dichlorobenzene	6.86	146	969041	44.739	ng		99
14) 1,2-Dichlorobenzene	7.02	146	906042	44.753	ng		100
15) Benzyl Alcohol	6.99	79	812497	44.386	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1741827	41.582	ng		98
17) 2-Methylphenol	7.10	107	770385	42.025	ng		100
18) Hexachloroethane	7.36	117	370248	46.645	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	656020	44.725	ng		97
20) 3+4-Methylphenols	7.25	107	928247	41.318	ng	#	81
22) Acetophenone	7.26	105	1222242	43.921	ng		97
24) Nitrobenzene	7.43	77	986897	43.094	ng		98
25) Isophorone	7.67	82	1832435	42.155	ng		97
26) 2-Nitrophenol	7.75	139	503114	55.797	ng		98
27) 2,4-Dimethylphenol	7.78	122	829210	44.474	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	1172709	45.622	ng		99
29) 2,4-Dichlorophenol	7.99	162	780430	45.555	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	847222	44.718	ng		97
31) Naphthalene	8.15	128	2641140	44.069	ng		100
32) Benzoic acid	7.91	122	664459	55.402	ng		98
33) 4-Chloroaniline	8.20	127	163581	5.957	ng		94
34) Hexachlorobutadiene	8.27	225	479741	45.257	ng		99
35) Caprolactam	8.57	113	253725m	45.254	ng		
36) 4-Chloro-3-methylphenol	8.68	107	852420	45.526	ng		98
37) 2-Methylnaphthalene	8.85	142	1816075	46.172	ng		99
38) 1-Methylnaphthalene	8.95	142	1695784	45.550	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	769673	44.110	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	931207	93.872	ng		100
43) 2,4,6-Trichlorophenol	9.12	196	581093	46.536	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	599026	42.824	ng		99
46) 1,1'-Biphenyl	9.31	154	2126921	43.867	ng		99
47) 2-Chloronaphthalene	9.34	162	1669337	43.954	ng		98
48) 2-Nitroaniline	9.43	65	598690	45.671	ng		99
49) Acenaphthylene	9.75	152	2610822	43.776	ng		100
50) Dimethylphthalate	9.62	163	2122371	50.192	ng		99
51) 2,6-Dinitrotoluene	9.67	165	436943	48.209	ng		89
52) Acenaphthene	9.93	154	1793808	48.245	ng		99
53) 3-Nitroaniline	9.83	138	158113	13.818	ng		98
54) 2,4-Dinitrophenol	9.95	184	417512	104.053	ng		95
55) Dibenzofuran	10.10	168	2344357	43.978	ng		98
56) 4-Nitrophenol	10.00	139	772006	85.524	ng		91
57) 2,4-Dinitrotoluene	10.08	165	589899	51.666	ng		98
58) Fluorene	10.44	166	1774891	45.025	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	510805	48.853	ng		99
60) Diethylphthalate	10.32	149	1997839	46.551	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	880152	45.658	ng		99
62) 4-Nitroaniline	10.46	138	425116	38.743	ng		99
63) Azobenzene	10.59	77	1921705	44.465	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	274848	57.189	ng		99
66) n-Nitrosodiphenylamine	10.55	169	1655611	44.003	ng		98
67) 4-Bromophenyl-phenylether	10.92	248	572797	43.883	ng		98
68) Hexachlorobenzene	10.99	284	613244	45.904	ng	#	89
69) Atrazine	11.08	200	490215	47.525	ng		99
70) Pentachlorophenol	11.18	266	705654	90.084	ng		98
71) Phenanthrene	11.40	178	2581284	43.435	ng		99
72) Anthracene	11.46	178	2676962	44.320	ng		99
73) Carbazole	11.61	167	2478256	41.453	ng		99
74) Di-n-butylphthalate	11.94	149	3091483	48.340	ng		98
75) Fluoranthene	12.59	202	2806143	43.630	ng		99
77) Benzidine	12.71	184	965277	29.175	ng		99
78) Pyrene	12.82	202	2802831	43.684	ng		99
80) Butylbenzylphthalate	13.44	149	1362323	52.497	ng		98
81) Benzo(a)anthracene	14.02	228	2121372	41.727	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	322553	16.091	ng		98
83) Chrysene	14.05	228	2247643	42.839	ng		100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1728411	55.873	ng		100
85) Di-n-octyl phthalate	14.62	149	2892554	53.167	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	2027935	41.039	ng		97
88) Benzo(b)fluoranthene	15.06	252	2032972	45.215	ng		99
89) Benzo(k)fluoranthene	15.09	252	1954418	45.650	ng		99
90) Benzo(a)pyrene	15.43	252	1742669	42.649	ng		98
91) Dibenzo(a,h)anthracene	16.98	278	1661311	46.484	ng		98
92) Benzo(g,h,i)perylene	17.40	276	1672181	46.572	ng		97

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

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