Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
Data File : BF118873.D
Acq On : 10 Feb 2020 17:18
Operator : CG/JU
Sample : L1472-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4MS

Manual Integrations APPROVED
mohammad
2/13/2020 10:28:41 AM

Quant Time: Feb 11 09:27:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	171382	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	678767	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	399746	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	797064	20.00	ng		0.00
76) Chrysene-d12	13.97	240	713779	20.00	ng		0.00
87) Perylene-d12	15.42	264	657901	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1062122	117.31	ng		0.00
7) Phenol-d6	6.45	99	1266223	112.66	ng		0.00
23) Nitrobenzene-d5	7.37	82	841552	73.90	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	517788	108.25	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1768930	79.11	ng		0.00
79) Terphenyl-d14	12.92	244	2547809	73.32	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	204519	49.567	ng		98
3) Pyridine	3.32	79	496683	43.351	ng		99
4) n-Nitrosodimethylamine	3.24	42	219840	52.701	ng		95
6) Aniline	6.47	93	354172	24.468	ng	#	88
8) 2-Chlorophenol	6.60	128	467351	46.344	ng		97
9) Benzaldehyde	6.36	77	206616	29.022	ng		98
10) Phenol	6.47	94	544041	43.535	ng		86
11) bis(2-Chloroethyl)ether	6.55	93	421104	44.045	ng		99
12) 1,3-Dichlorobenzene	6.76	146	512470	42.693	ng		97
13) 1,4-Dichlorobenzene	6.83	146	517214	43.197	ng		98
14) 1,2-Dichlorobenzene	6.99	146	484180	42.332	ng		99
15) Benzyl Alcohol	6.96	79	391177	45.029	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	500389	42.738	ng		96
17) 2-Methylphenol	7.07	107	384174	45.822	ng		99
18) Hexachloroethane	7.33	117	182759	42.528	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	309511	45.009	ng		99
20) 3+4-Methylphenols	7.23	107	476808	45.371	ng	#	86
22) Acetophenone	7.22	105	624707	42.361	ng		96
24) Nitrobenzene	7.39	77	479386	42.139	ng		99
25) Isophorone	7.63	82	872225	42.618	ng		99
26) 2-Nitrophenol	7.71	139	267042	44.052	ng		100
27) 2,4-Dimethylphenol	7.75	122	407538	49.491	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	553321	41.694	ng		100
29) 2,4-Dichlorophenol	7.96	162	427017	43.301	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	470753	40.840	ng		100
31) Naphthalene	8.12	128	1364055	43.939	ng		99
32) Benzoic acid	7.87	122	248398	36.433	ng		98
33) 4-Chloroaniline	8.16	127	180830	13.020	ng		98
34) Hexachlorobutadiene	8.24	225	283085	40.086	ng		99
35) Caprolactam	8.53	113	142895m	44.698	ng		
36) 4-Chloro-3-methylphenol	8.66	107	439445	44.279	ng		98
37) 2-Methylnaphthalene	8.81	142	959953	44.586	ng		99
38) 1-Methylnaphthalene	8.91	142	904505	44.658	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	486449	40.320	ng		100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	314442	66.468	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	323028	40.040	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	352222	42.728	ng	96
46) 1,1'-Biphenyl	9.27	154	1181451	42.725	ng	98
47) 2-Chloronaphthalene	9.30	162	949595	41.308	ng	98
48) 2-Nitroaniline	9.39	65	268030	40.425	ng	95
49) Acenaphthylene	9.71	152	1494683	45.031	ng	99
50) Dimethylphthalate	9.57	163	1243812	45.697	ng	98
51) 2,6-Dinitrotoluene	9.63	165	267877	43.012	ng	95
52) Acenaphthene	9.89	154	887882	40.594	ng	99
53) 3-Nitroaniline	9.80	138	146238	21.172	ng	95
54) 2,4-Dinitrophenol	9.91	184	226685	75.713	ng	98
55) Dibenzofuran	10.06	168	1319833	41.755	ng	98
56) 4-Nitrophenol	9.97	139	400637	80.145	ng	97
57) 2,4-Dinitrotoluene	10.04	165	351504	42.648	ng	94
58) Fluorene	10.40	166	1015194	42.691	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	302099	41.964	ng	99
60) Diethylphthalate	10.27	149	1136345	42.934	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	541037	41.953	ng	96
62) 4-Nitroaniline	10.42	138	258706	37.403	ng	98
63) Azobenzene	10.55	77	984047	43.550	ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	188886	42.173	ng	89
66) n-Nitrosodiphenylamine	10.51	169	954652	41.349	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	371537	39.404	ng	96
68) Hexachlorobenzene	10.95	284	415988	38.464	ng	98
69) Atrazine	11.04	200	374108	48.637	ng	98
70) Pentachlorophenol	11.15	266	409474	71.706	ng	99
71) Phenanthrene	11.36	178	1643383	41.905	ng	99
72) Anthracene	11.41	178	1703302	43.659	ng	98
73) Carbazole	11.56	167	1500508	43.825	ng	100
74) Di-n-butylphthalate	11.90	149	1934705	44.358	ng	99
75) Fluoranthene	12.54	202	1926060	44.983	ng	98
77) Benzidine	12.66	184	846833	39.226	ng	98
78) Pyrene	12.77	202	1921516	39.241	ng	99
80) Butylbenzylphthalate	13.39	149	930061	41.613	ng	98
81) Benzo(a)anthracene	13.96	228	1668856	39.291	ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	539509	31.056	ng	100
83) Chrysene	14.00	228	1705337	40.004	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	1344734	47.424	ng	99
85) Di-n-octyl phthalate	14.56	149	2225888	45.821	ng	100
86) Indeno(1,2,3-cd)pyrene	16.86	276	1785296	41.683	ng	100
88) Benzo(b)fluoranthene	15.00	252	1663439	40.747	ng	99
89) Benzo(k)fluoranthene	15.03	252	1479838	41.627	ng	99
90) Benzo(a)pyrene	15.36	252	1430862	40.955	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	1509873	48.682	ng	99
92) Benzo(g,h,i)perylene	17.29	276	1464110	49.086	ng	99

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

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