Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118810.D
Acq On : 4 Feb 2020 19:21
Operator : CG/JU
Sample : L1377-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BW-2MS

Manual Integrations APPROVED
mohammad
2/6/2020 2:17:14 PM

Quant Time: Feb 05 06:49:33 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	6.81	152	265875	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	1024140	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	587118	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	1094775	20.00	ng		0.00
76) Chrysene-d12	13.97	240	703210	20.00	ng		-0.01
87) Perylene-d12	15.41	264	701894	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	958977	68.28	ng		0.00
7) Phenol-d6	6.44	99	767421	44.01	ng		-0.01
23) Nitrobenzene-d5	7.37	82	1594699	92.81	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	712149	101.37	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	3170971	96.55	ng		0.00
79) Terphenyl-d14	12.92	244	3849343	112.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	181471	28.350	ng		99
3) Pyridine	3.34	79	423007	23.799	ng		99
4) n-Nitrosodimethylamine	3.27	42	205200	31.709	ng		99
6) Aniline	6.47	93	786282	35.014	ng		99
8) 2-Chlorophenol	6.60	128	823492	52.638	ng		100
9) Benzaldehyde	6.36	77	453391	48.648	ng		97
10) Phenol	6.46	94	511338	26.375	ng		95
11) bis(2-Chloroethyl)ether	6.55	93	751526	50.668	ng		99
12) 1,3-Dichlorobenzene	6.76	146	782850	42.039	ng		97
13) 1,4-Dichlorobenzene	6.83	146	795855	42.846	ng		98
14) 1,2-Dichlorobenzene	6.99	146	749215	42.224	ng		99
15) Benzyl Alcohol	6.95	79	615203	45.648	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	873248	48.076	ng		99
17) 2-Methylphenol	7.07	107	611757	47.034	ng		99
18) Hexachloroethane	7.33	117	269725	40.458	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	555060	52.030	ng		96
20) 3+4-Methylphenols	7.22	107	652254	40.008	ng	#	87
22) Acetophenone	7.22	105	1052453	47.300	ng		98
24) Nitrobenzene	7.39	77	830413	48.379	ng		99
25) Isophorone	7.64	82	1626887	52.684	ng		98
26) 2-Nitrophenol	7.71	139	472624	51.673	ng		99
27) 2,4-Dimethylphenol	7.75	122	728947	58.669	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	988466	49.364	ng		99
29) 2,4-Dichlorophenol	7.95	162	764558	51.383	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	746751	42.937	ng		100
31) Naphthalene	8.12	128	2186034	46.670	ng		100
32) Benzoic acid	7.84	122	186976	18.176	ng		99
33) 4-Chloroaniline	8.16	127	578588	27.610	ng		98
34) Hexachlorobutadiene	8.24	225	421075	39.518	ng		99
35) Caprolactam	8.53	113	61167m	12.681	ng		
36) 4-Chloro-3-methylphenol	8.65	107	769855	51.412	ng		98
37) 2-Methylnaphthalene	8.81	142	1581905	48.695	ng		98
38) 1-Methylnaphthalene	8.91	142	1497695	49.009	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	782055	44.135	ng		99

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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	748441	107.718 ng	98
43) 2,4,6-Trichlorophenol	9.09	196	606142	51.154 ng	100
44) 2,4,5-Trichlorophenol	9.13	196	621471	51.331 ng	98
46) 1,1'-Biphenyl	9.27	154	1965394	48.393 ng	99
47) 2-Chloronaphthalene	9.30	162	1571276	46.538 ng	100
48) 2-Nitroaniline	9.39	65	466636	47.919 ng	99
49) Acenaphthylene	9.72	152	2442345	50.099 ng	99
50) Dimethylphthalate	9.58	163	2182092	54.583 ng	99
51) 2,6-Dinitrotoluene	9.63	165	474608	51.886 ng	98
52) Acenaphthene	9.89	154	1724917	53.695 ng	100
53) 3-Nitroaniline	9.80	138	272821	26.893 ng	96
54) 2,4-Dinitrophenol	9.91	184	481110	109.408 ng	96
55) Dibenzofuran	10.06	168	2256310	48.601 ng	99
56) 4-Nitrophenol	9.96	139	388569	52.924 ng	93
57) 2,4-Dinitrotoluene	10.04	165	627959	51.875 ng	94
58) Fluorene	10.40	166	1680167	48.106 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	546294	51.666 ng	99
60) Diethylphthalate	10.27	149	1968604	50.642 ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	908420	47.960 ng	99
62) 4-Nitroaniline	10.42	138	434689	42.789 ng	99
63) Azobenzene	10.55	77	1707291	51.444 ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	364828	59.305 ng	98
66) n-Nitrosodiphenylamine	10.51	169	1623958	51.210 ng	99
67) 4-Bromophenyl-phenylether	10.88	248	646423	49.914 ng	97
68) Hexachlorobenzene	10.95	284	728774	49.061 ng	97
69) Atrazine	11.04	200	546505	51.729 ng	99
70) Pentachlorophenol	11.15	266	764893	97.521 ng	99
71) Phenanthrene	11.36	178	2577217	47.846 ng	100
72) Anthracene	11.41	178	2662816	49.693 ng	100
73) Carbazole	11.56	167	2321816	49.372 ng	100
74) Di-n-butylphthalate	11.90	149	2912976	48.625 ng	100
75) Fluoranthene	12.54	202	2691483	45.765 ng	99
77) Benzidine	12.66	184	1226463	57.664 ng	99
78) Pyrene	12.77	202	2654590	55.027 ng	99
80) Butylbenzylphthalate	13.39	149	1206856	54.810 ng	94
81) Benzo(a)anthracene	13.96	228	2098506	50.149 ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	586355	34.260 ng	97
83) Chrysene	14.00	228	2137822	50.903 ng	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	1559213	55.814 ng	99
85) Di-n-octyl phthalate	14.56	149	2553048	53.346 ng	100
86) Indeno(1,2,3-cd)pyrene	16.84	276	2363253	56.006 ng	100
88) Benzo(b)fluoranthene	15.00	252	2168024	49.778 ng	98
89) Benzo(k)fluoranthene	15.03	252	1921488	50.663 ng	100
90) Benzo(a)pyrene	15.35	252	1844996	49.499 ng	99
91) Dibenzo(a,h)anthracene	16.86	278	1982250	59.906 ng	98
92) Benzo(g,h,i)perylene	17.28	276	2009302	63.142 ng	99

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

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