Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118811.D
Acq On : 4 Feb 2020 19:49
Operator : CG/JU
Sample : L1377-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BW-2MSD

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

Quant Time: Feb 05 06:51:44 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	271444	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	1026288	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	582089	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	1082660	20.00	ng		0.00
76) Chrysene-d12	13.97	240	717406	20.00	ng		-0.01
87) Perylene-d12	15.41	264	721853	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	943705	65.81	ng		0.00
7) Phenol-d6	6.44	99	755369	42.43	ng		-0.01
23) Nitrobenzene-d5	7.37	82	1572184	91.31	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	688497	98.85	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	3065207	94.14	ng		0.00
79) Terphenyl-d14	12.92	244	3718975	106.48	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	177642	27.183	ng		99
3) Pyridine	3.33	79	420847	23.191	ng		99
4) n-Nitrosodimethylamine	3.26	42	199356	30.174	ng		99
6) Aniline	6.47	93	805794	35.147	ng		100
8) 2-Chlorophenol	6.60	128	820996	51.402	ng		99
9) Benzaldehyde	6.36	77	456023	47.383	ng		97
10) Phenol	6.46	94	521573	26.351	ng		96
11) bis(2-Chloroethyl)ether	6.55	93	746517	49.298	ng		99
12) 1,3-Dichlorobenzene	6.76	146	791870	41.651	ng		97
13) 1,4-Dichlorobenzene	6.83	146	806080	42.506	ng		98
14) 1,2-Dichlorobenzene	6.99	146	748257	41.305	ng		99
15) Benzyl Alcohol	6.95	79	601465	43.713	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	866412	46.721	ng		99
17) 2-Methylphenol	7.07	107	605678	45.611	ng		99
18) Hexachloroethane	7.33	117	272094	39.976	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	551018	50.591	ng		96
20) 3+4-Methylphenols	7.22	107	642011	38.571	ng	#	85
22) Acetophenone	7.22	105	1055574	47.341	ng		99
24) Nitrobenzene	7.39	77	839682	48.816	ng		100
25) Isophorone	7.64	82	1572467	50.815	ng		97
26) 2-Nitrophenol	7.71	139	472958	51.601	ng		99
27) 2,4-Dimethylphenol	7.75	122	719959	57.825	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	968340	48.258	ng		99
29) 2,4-Dichlorophenol	7.95	162	746230	50.047	ng		100
30) 1,2,4-Trichlorobenzene	8.04	180	730611	41.921	ng		98
31) Naphthalene	8.12	128	2159031	45.997	ng		100
32) Benzoic acid	7.84	122	175305	17.006	ng		98
33) 4-Chloroaniline	8.16	127	585492	27.881	ng		98
34) Hexachlorobutadiene	8.24	225	410769	38.470	ng		98
35) Caprolactam	8.53	113	59470m	12.303	ng		
36) 4-Chloro-3-methylphenol	8.65	107	770302	51.334	ng		100
37) 2-Methylnaphthalene	8.81	142	1553430	47.719	ng		98
38) 1-Methylnaphthalene	8.91	142	1465084	47.841	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	760618	43.296	ng		99

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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	729406	105.885	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	581418	49.492	ng	100
44) 2,4,5-Trichlorophenol	9.12	196	608363	50.682	ng	96
46) 1,1'-Biphenyl	9.27	154	1902822	47.257	ng	99
47) 2-Chloronaphthalene	9.30	162	1533576	45.814	ng	99
48) 2-Nitroaniline	9.39	65	460854	47.734	ng	99
49) Acenaphthylene	9.72	152	2385656	49.359	ng	100
50) Dimethylphthalate	9.58	163	2127142	53.669	ng	98
51) 2,6-Dinitrotoluene	9.63	165	469303	51.749	ng	99
52) Acenaphthene	9.89	154	1696094	53.254	ng	100
53) 3-Nitroaniline	9.80	138	280013	27.841	ng	95
54) 2,4-Dinitrophenol	9.91	184	477303	109.480	ng	97
55) Dibenzofuran	10.06	168	2207418	47.959	ng	99
56) 4-Nitrophenol	9.96	139	376853	51.772	ng	93
57) 2,4-Dinitrotoluene	10.04	165	620846	51.731	ng	92
58) Fluorene	10.40	166	1646167	47.540	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	534434	50.981	ng	99
60) Diethylphthalate	10.27	149	1912355	49.620	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	885056	47.131	ng	99
62) 4-Nitroaniline	10.42	138	434943	43.184	ng	100
63) Azobenzene	10.55	77	1649146	50.121	ng	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	359817	59.145	ng	98
66) n-Nitrosodiphenylamine	10.51	169	1574894	50.219	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	624829	48.786	ng	98
68) Hexachlorobenzene	10.95	284	702963	47.853	ng	97
69) Atrazine	11.04	200	527525	50.491	ng	98
70) Pentachlorophenol	11.15	266	746165	96.198	ng	98
71) Phenanthrene	11.36	178	2532279	47.538	ng	99
72) Anthracene	11.41	178	2619175	49.425	ng	100
73) Carbazole	11.56	167	2300510	49.466	ng	100
74) Di-n-butylphthalate	11.90	149	2833331	47.825	ng	100
75) Fluoranthene	12.55	202	2655645	45.661	ng	98
77) Benzidine	12.66	184	1181820	54.466	ng	98
78) Pyrene	12.77	202	2642764	53.697	ng	99
80) Butylbenzylphthalate	13.39	149	1177605	52.423	ng	95
81) Benzo(a)anthracene	13.96	228	2131650	49.933	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	570209	32.658	ng	99
83) Chrysene	14.00	228	2144118	50.042	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	1503917	52.769	ng	100
85) Di-n-octyl phthalate	14.56	149	2482464	50.845	ng	100
86) Indeno(1,2,3-cd)pyrene	16.84	276	2353203	54.664	ng	99
88) Benzo(b)fluoranthene	14.99	252	2227889	49.738	ng	99
89) Benzo(k)fluoranthene	15.03	252	1915723	49.114	ng	99
90) Benzo(a)pyrene	15.35	252	1874355	48.896	ng	100
91) Dibenzo(a,h)anthracene	16.86	278	1957589	57.525	ng	99
92) Benzo(g,h,i)perylene	17.28	276	2004381	61.245	ng	100

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

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