Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
Data File : BF120226.D
Acq On : 27 Apr 2020 18:32
Operator : MA/SJ
Sample : L2405-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HW-7MSD

Manual Integrations APPROVED
mohammad
4/28/2020 11:08:38 PM

Quant Time: Apr 28 01:46:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 27 12:17:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	119810	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	513764	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	258293	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	504022	20.00	ng		0.00
76) Chrysene-d12	13.83	240	335469	20.00	ng		-0.01
87) Perylene-d12	15.23	264	300196	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	235803	34.01	ng		0.00
7) Phenol-d6	6.32	99	183470	20.54	ng		-0.01
23) Nitrobenzene-d5	7.23	82	926575	93.30	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	206945	65.44	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	1737754	95.52	ng		0.00
79) Terphenyl-d14	12.78	244	1949371	97.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	60755	19.676	ng		98
3) Pyridine	2.99	79	148755	17.559	ng		98
4) n-Nitrosodimethylamine	2.93	42	94337	21.794	ng		99
6) Aniline	6.32	93	358448	30.572	ng		94
8) 2-Chlorophenol	6.46	128	166376	21.479	ng		95
9) Benzaldehyde	6.21	77	202681	44.261	ng		98
10) Phenol	6.33	94	103332	10.196	ng	#	1
11) bis(2-Chloroethyl)ether	6.40	93	407901	52.127	ng		99
12) 1,3-Dichlorobenzene	6.60	146	408018	48.113	ng		98
13) 1,4-Dichlorobenzene	6.68	146	410184	47.482	ng		99
14) 1,2-Dichlorobenzene	6.83	146	428789	53.859	ng		100
15) Benzyl Alcohol	6.81	79	237767	34.268	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	761002	49.977	ng		73
17) 2-Methylphenol	6.94	107	154923	22.411	ng	#	76
18) Hexachloroethane	7.17	117	165872	51.378	ng		99
19) n-Nitroso-di-n-propylamine	7.09	70	330672	57.564	ng		99
20) 3+4-Methylphenols	7.09	107	169097	20.001	ng	#	84
22) Acetophenone	7.08	105	642272	53.386	ng	#	96
24) Nitrobenzene	7.25	77	487103	48.758	ng		99
25) Isophorone	7.49	82	893380	46.666	ng		99
26) 2-Nitrophenol	7.57	139	120879	24.219	ng		88
27) 2,4-Dimethylphenol	7.62	122	277232	36.829	ng		96
28) bis(2-Chloroethoxy)methane	7.70	93	566034	50.247	ng		99
29) 2,4-Dichlorophenol	7.82	162	174468	22.612	ng		96
30) 1,2,4-Trichlorobenzene	7.89	180	395994	45.294	ng		96
31) Naphthalene	7.97	128	1290577	47.745	ng		98
32) Benzoic acid	7.70	122	13694	2.071	ng		87
33) 4-Chloroaniline	8.03	127	417843	35.508	ng		99
34) Hexachlorobutadiene	8.09	225	220983	42.225	ng		98
35) Caprolactam	8.39	113	17499m	7.414	ng		
36) 4-Chloro-3-methylphenol	8.52	107	210255	25.169	ng		96
37) 2-Methylnaphthalene	8.66	142	889440	48.535	ng		97
38) 1-Methylnaphthalene	8.76	142	836984	48.456	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	387179	47.460	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 27 12:17:15 2020
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	278412	60.016 ng	98
43) 2,4,6-Trichlorophenol	8.95	196	132869	23.586 ng	98
44) 2,4,5-Trichlorophenol	9.00	196	140243	22.103 ng	97
46) 1,1'-Biphenyl	9.13	154	1074646	49.293 ng	98
47) 2-Chloronaphthalene	9.15	162	824471	49.091 ng	99
48) 2-Nitroaniline	9.26	65	299898	49.275 ng	94
49) Acenaphthylene	9.57	152	1286643	50.375 ng	98
50) Dimethylphthalate	9.44	163	1169883	58.557 ng	99
51) 2,6-Dinitrotoluene	9.50	165	218895	50.033 ng	97
52) Acenaphthene	9.74	154	780106	45.787 ng	100
53) 3-Nitroaniline	9.67	138	188859	37.797 ng	95
54) 2,4-Dinitrophenol	9.78	184	66788	25.498 ng	97
55) Dibenzofuran	9.91	168	1167850	49.950 ng	99
56) 4-Nitrophenol	9.86	139	39545	10.637 ng	95
57) 2,4-Dinitrotoluene	9.90	165	286122	49.639 ng	95
58) Fluorene	10.26	166	932311	49.861 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	111691	23.016 ng	98
60) Diethylphthalate	10.13	149	1017787	49.153 ng	100
61) 4-Chlorophenyl-phenylether	10.25	204	443386	46.265 ng	97
62) 4-Nitroaniline	10.28	138	234304	49.205 ng	99
63) Azobenzene	10.41	77	948397	51.108 ng	98
65) 4,6-Dinitro-2-methylphenol	10.32	198	62084	18.697 ng	96
66) n-Nitrosodiphenylamine	10.37	169	826087	49.282 ng	99
67) 4-Bromophenyl-phenylether	10.74	248	274181	43.743 ng	94
68) Hexachlorobenzene	10.80	284	293795	46.204 ng	97
69) Atrazine	10.90	200	251999	54.033 ng	99
70) Pentachlorophenol	11.00	266	115476	31.513 ng	99
71) Phenanthrene	11.22	178	1341410	50.007 ng	98
72) Anthracene	11.27	178	1381090	50.399 ng	98
73) Carbazole	11.43	167	1277471	49.296 ng	98
74) Di-n-butylphthalate	11.76	149	1636402	48.035 ng	99
75) Fluoranthene	12.40	202	1434960	49.578 ng	98
77) Benzidine	12.53	184	831837	73.355 ng	99
78) Pyrene	12.63	202	1437606	50.834 ng	98
80) Butylbenzylphthalate	13.26	149	668320	48.702 ng	98
81) Benzo(a)anthracene	13.82	228	1086678	49.239 ng	99
82) 3,3'-Dichlorobenzidine	13.79	252	362530	44.025 ng	99
83) Chrysene	13.86	228	1098160	48.972 ng	98
84) Bis(2-ethylhexyl)phthalate	13.82	149	894049	48.110 ng	99
85) Di-n-octyl phthalate	14.43	149	1496215	47.287 ng	98
86) Indeno(1,2,3-cd)pyrene	16.60	276	936477	47.376 ng	99
88) Benzo(b)fluoranthene	14.84	252	992585	45.963 ng	97
89) Benzo(k)fluoranthene	14.87	252	965872	51.837 ng	100
90) Benzo(a)pyrene	15.18	252	868906	47.854 ng	97
91) Dibenzo(a,h)anthracene	16.61	278	779248	48.450 ng	99
92) Benzo(g,h,i)perylene	17.00	276	761350	47.955 ng	96

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

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