Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118511.D
Acq On : 8 Jan 2020 21:13
Operator : JU
Sample : L1049-10MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4MSD

Manual Integrations APPROVED
mohammad
1/9/2020 12:11:02 PM

Quant Time: Jan 09 03:53:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	65837	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	283727	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	126750	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	261556	20.00	ng		0.00
76) Chrysene-d12	14.03	240	214561	20.00	ng		0.00
87) Perylene-d12	15.52	264	205259	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	364396	91.37	ng		0.00
7) Phenol-d6	6.47	99	485525	101.82	ng		0.00
23) Nitrobenzene-d5	7.40	82	319573	59.17	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	157669	105.42	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	526819	59.61	ng		-0.01
79) Terphenyl-d14	12.96	244	583181	43.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	53692	40.381	ng		98
3) Pyridine	3.32	79	136330	38.090	ng		96
4) n-Nitrosodimethylamine	3.27	42	79460	44.303	ng		94
6) Aniline	6.49	93	159021	26.822	ng	#	88
8) 2-Chlorophenol	6.62	128	204086	46.802	ng		97
9) Benzaldehyde	6.38	77	103625	39.037	ng		99
10) Phenol	6.48	94	245750	46.511	ng		97
11) bis(2-Chloroethyl)ether	6.56	93	170054	45.144	ng		99
12) 1,3-Dichlorobenzene	6.77	146	222756	43.699	ng		99
13) 1,4-Dichlorobenzene	6.85	146	228395	43.912	ng		98
14) 1,2-Dichlorobenzene	7.00	146	222979	44.363	ng		99
15) Benzyl Alcohol	6.97	79	182797	47.260	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	182265	43.618	ng		91
17) 2-Methylphenol	7.09	107	175331	48.925	ng		98
18) Hexachloroethane	7.34	117	86942	44.116	ng		91
19) n-Nitroso-di-n-propylamine	7.25	70	140702	45.814	ng		97
20) 3+4-Methylphenols	7.25	107	230573	47.431	ng	#	89
22) Acetophenone	7.24	105	300876	41.835	ng	#	97
24) Nitrobenzene	7.42	77	215096	40.051	ng		97
25) Isophorone	7.66	82	357648	41.334	ng		98
26) 2-Nitrophenol	7.73	139	111449	42.030	ng		98
27) 2,4-Dimethylphenol	7.77	122	179093	50.223	ng		96
28) bis(2-Chloroethoxy)methane	7.86	93	226247	39.772	ng		99
29) 2,4-Dichlorophenol	7.98	162	186347	44.756	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	208432	43.101	ng		99
31) Naphthalene	8.14	128	718152	48.389	ng		99
32) Benzoic acid	7.92	122	102937	42.738	ng		98
33) 4-Chloroaniline	8.19	127	85431	13.982	ng		97
34) Hexachlorobutadiene	8.25	225	122430	41.244	ng		98
35) Caprolactam	8.57	113	58854m	46.925	ng		
36) 4-Chloro-3-methylphenol	8.69	107	171784	38.377	ng		99
37) 2-Methylnaphthalene	8.83	142	397856	39.060	ng		98
38) 1-Methylnaphthalene	8.93	142	389686	40.748	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	174002	44.680	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	54820	56.425 ng	93
43) 2,4,6-Trichlorophenol	9.12	196	114031	47.384 ng	99
44) 2,4,5-Trichlorophenol	9.16	196	119472	47.974 ng	95
46) 1,1'-Biphenyl	9.30	154	441303	42.612 ng	100
47) 2-Chloronaphthalene	9.32	162	340285	41.514 ng	99
48) 2-Nitroaniline	9.43	65	100051	42.239 ng	98
49) Acenaphthylene	9.74	152	558439	45.768 ng	99
50) Dimethylphthalate	9.60	163	447357	45.986 ng	100
51) 2,6-Dinitrotoluene	9.67	165	90367	43.135 ng	97
52) Acenaphthene	9.92	154	364078	48.863 ng	100
53) 3-Nitroaniline	9.84	138	51000	20.782 ng	96
54) 2,4-Dinitrophenol	9.96	184	35848	41.711 ng	95
55) Dibenzofuran	10.09	168	542897	48.511 ng	99
56) 4-Nitrophenol	10.02	139	131821	110.632 ng	98
57) 2,4-Dinitrotoluene	10.08	165	131187	46.767 ng	99
58) Fluorene	10.43	166	444226	49.384 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	101540	48.214 ng	96
60) Diethylphthalate	10.30	149	456133	46.060 ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	206195	45.877 ng	99
62) 4-Nitroaniline	10.46	138	80960	33.693 ng	97
63) Azobenzene	10.58	77	398220	47.319 ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	35007	25.318 ng	96
66) n-Nitrosodiphenylamine	10.54	169	375422	44.076 ng	99
67) 4-Bromophenyl-phenylether	10.91	248	141978	46.344 ng	99
68) Hexachlorobenzene	10.99	284	148781	40.668 ng	99
69) Atrazine	11.07	200	125739	49.680 ng	99
70) Pentachlorophenol	11.19	266	130272	107.252 ng	98
71) Phenanthrene	11.40	178	922583	62.967 ng	99
72) Anthracene	11.45	178	757348	51.957 ng	99
73) Carbazole	11.61	167	633162	50.144 ng	99
74) Di-n-butylphthalate	11.93	149	685056	40.667 ng	99
75) Fluoranthene	12.60	202	801289	53.805 ng	98
77) Benzidine	12.72	184	315768	62.515 ng	98
78) Pyrene	12.83	202	821298	46.524 ng	100
80) Butylbenzylphthalate	13.43	149	318892	39.444 ng	99
81) Benzo(a)anthracene	14.02	228	788668	52.514 ng	98
82) 3,3'-Dichlorobenzidine	13.98	252	197326	40.405 ng	97
83) Chrysene	14.06	228	731964	50.156 ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	472344	43.030 ng	100
85) Di-n-octyl phthalate	14.61	149	792432	50.329 ng	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	606903	51.655 ng	99
88) Benzo(b)fluoranthene	15.09	252	803250	54.128 ng	100
89) Benzo(k)fluoranthene	15.12	252	523684	36.970 ng	99
90) Benzo(a)pyrene	15.46	252	573108	47.126 ng	99
91) Dibenzo(a,h)anthracene	17.03	278	483051	42.361 ng	98
92) Benzo(g,h,i)perylene	17.48	276	534295	49.450 ng	98

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

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