Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119253.D
Acq On : 6 Mar 2020 16:45
Operator : CG/JU
Sample : L1792-01MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3MSD

Manual Integrations APPROVED
mohammad
3/9/2020 3:09:14 PM

Quant Time: Mar 07 01:16:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	112183	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	438356	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	247259	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	472296	20.00	ng		0.00
76) Chrysene-d12	13.89	240	373708	20.00	ng		0.00
87) Perylene-d12	15.31	264	382757	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	675394	100.61	ng		0.00
7) Phenol-d6	6.38	99	810754	99.31	ng		0.00
23) Nitrobenzene-d5	7.29	82	542273	65.32	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	296867	91.78	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	1090409	64.97	ng		0.00
79) Terphenyl-d14	12.82	244	1445263	66.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	116151	38.863	ng		98
3) Pyridine	3.16	79	287377	35.207	ng		98
4) n-Nitrosodimethylamine	3.10	42	114052	46.126	ng		94
6) Aniline	6.39	93	249504	24.768	ng	#	80
8) 2-Chlorophenol	6.52	128	356451	49.204	ng		99
9) Benzaldehyde	6.27	77	260540	47.766	ng		98
10) Phenol	6.39	94	415452	47.067	ng		96
11) bis(2-Chloroethyl)ether	6.46	93	317563	47.020	ng		97
12) 1,3-Dichlorobenzene	6.66	146	381354	43.920	ng		98
13) 1,4-Dichlorobenzene	6.74	146	388957	44.765	ng		99
14) 1,2-Dichlorobenzene	6.89	146	359205	45.330	ng		100
15) Benzyl Alcohol	6.88	79	294071	49.839	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.00	45	249421	42.633	ng	#	13
17) 2-Methylphenol	7.00	107	277238	47.202	ng		94
18) Hexachloroethane	7.23	117	137278	44.161	ng		97
19) n-Nitroso-di-n-propylamine	7.15	70	234087	49.207	ng		96
20) 3+4-Methylphenols	7.15	107	370955	51.552	ng		87
22) Acetophenone	7.14	105	473562	46.691	ng	#	94
24) Nitrobenzene	7.31	77	363698	44.299	ng		98
25) Isophorone	7.55	82	645359	44.759	ng		99
26) 2-Nitrophenol	7.63	139	195371	44.912	ng		99
27) 2,4-Dimethylphenol	7.67	122	284727	48.228	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	385795	41.108	ng		99
29) 2,4-Dichlorophenol	7.88	162	305570	43.966	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	335326	40.693	ng		99
31) Naphthalene	8.03	128	1000230	43.997	ng		99
32) Benzoic acid	7.84	122	166932	40.038	ng		97
33) 4-Chloroaniline	8.09	127	135419	13.849	ng		98
34) Hexachlorobutadiene	8.15	225	205191	39.975	ng		98
35) Caprolactam	8.46	113	95513m	44.631	ng		
36) 4-Chloro-3-methylphenol	8.59	107	324520	46.136	ng		100
37) 2-Methylnaphthalene	8.72	142	684184	44.720	ng		98
38) 1-Methylnaphthalene	8.82	142	641307	44.572	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	341813	41.002	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	130859	47.454 ng	97
43) 2,4,6-Trichlorophenol	9.01	196	215229	40.883 ng	98
44) 2,4,5-Trichlorophenol	9.06	196	228239	41.315 ng	98
46) 1,1'-Biphenyl	9.18	154	827343	41.401 ng	98
47) 2-Chloronaphthalene	9.21	162	664573	41.268 ng	98
48) 2-Nitroaniline	9.32	65	191897	42.723 ng	94
49) Acenaphthylene	9.62	152	1019790	43.846 ng	99
50) Dimethylphthalate	9.49	163	875114	46.284 ng	99
51) 2,6-Dinitrotoluene	9.56	165	182542	43.455 ng	97
52) Acenaphthene	9.79	154	597485	42.603 ng	99
53) 3-Nitroaniline	9.73	138	87319	18.750 ng	98
54) 2,4-Dinitrophenol	9.85	184	140296	69.772 ng	98
55) Dibenzofuran	9.97	168	890129	42.523 ng	98
56) 4-Nitrophenol	9.92	139	171965	61.460 ng	89
57) 2,4-Dinitrotoluene	9.97	165	234688	43.103 ng	98
58) Fluorene	10.31	166	731511	44.971 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	190676	40.905 ng	100
60) Diethylphthalate	10.19	149	776037	43.554 ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	372858	43.305 ng	98
62) 4-Nitroaniline	10.35	138	161013	33.794 ng	95
63) Azobenzene	10.46	77	697032	45.006 ng	95
65) 4,6-Dinitro-2-methylphenol	10.38	198	125194	43.806 ng	100
66) n-Nitrosodiphenylamine	10.42	169	656177	42.431 ng	100
67) 4-Bromophenyl-phenylether	10.79	248	249077	40.346 ng	96
68) Hexachlorobenzene	10.86	284	283695	39.857 ng	99
69) Atrazine	10.95	200	214790	39.752 ng	98
70) Pentachlorophenol	11.06	266	217582	75.887 ng	98
71) Phenanthrene	11.27	178	1111230	43.143 ng	98
72) Anthracene	11.32	178	1151622	44.749 ng	98
73) Carbazole	11.48	167	1016471	44.335 ng	99
74) Di-n-butylphthalate	11.80	149	1207998	43.508 ng	99
75) Fluoranthene	12.46	202	1227110	44.883 ng	99
77) Benzidine	12.58	184	354059	23.296 ng	97
78) Pyrene	12.69	202	1238885	41.285 ng	99
80) Butylbenzylphthalate	13.30	149	536629	42.490 ng	97
81) Benzo(a)anthracene	13.87	228	1126364	44.235 ng	99
82) 3,3'-Dichlorobenzidine	13.83	252	271542	27.463 ng	99
83) Chrysene	13.92	228	1099102	43.320 ng	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	734142	46.011 ng	99
85) Di-n-octyl phthalate	14.46	149	1213423	47.731 ng	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	1144211	46.575 ng	100
88) Benzo(b)fluoranthene	14.90	252	1164578	46.160 ng	99
89) Benzo(k)fluoranthene	14.93	252	990238	42.353 ng	100
90) Benzo(a)pyrene	15.26	252	963183	42.300 ng	99
91) Dibenzo(a,h)anthracene	16.72	278	955048	47.669 ng	99
92) Benzo(g,h,i)perylene	17.14	276	964879	48.742 ng	99

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

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