Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119257.D
Acq On : 6 Mar 2020 18:43
Operator : CG/JU
Sample : L1783-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-10-030220MSD

Manual Integrations APPROVED
mohammad
3/9/2020 3:09:21 PM

Quant Time: Mar 07 02:03:52 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	96077	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	376557	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	205711	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	395540	20.00	ng		0.00
76) Chrysene-d12	13.89	240	301006	20.00	ng		0.00
87) Perylene-d12	15.31	264	287863	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	658612	114.56	ng		0.00
7) Phenol-d6	6.38	99	773527	110.63	ng		0.00
23) Nitrobenzene-d5	7.29	82	520069	72.92	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	285348	106.04	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	1030942	73.83	ng		0.00
79) Terphenyl-d14	12.82	244	1374392	78.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	99288	38.789	ng		98
3) Pyridine	3.15	79	241116	34.492	ng		97
4) n-Nitrosodimethylamine	3.09	42	103887	49.058	ng		95
6) Aniline	6.39	93	310169	35.951	ng		98
8) 2-Chlorophenol	6.52	128	323162	52.087	ng		97
9) Benzaldehyde	6.27	77	235829	50.484	ng		97
10) Phenol	6.40	94	379345	50.181	ng		88
11) bis(2-Chloroethyl)ether	6.46	93	286094	49.462	ng		97
12) 1,3-Dichlorobenzene	6.66	146	348402	46.852	ng		96
13) 1,4-Dichlorobenzene	6.74	146	357586	48.054	ng		99
14) 1,2-Dichlorobenzene	6.89	146	328393	48.389	ng		99
15) Benzyl Alcohol	6.88	79	266084	52.655	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	230432	45.990	ng	#	5
17) 2-Methylphenol	7.00	107	252696	50.236	ng		94
18) Hexachloroethane	7.23	117	126951	47.685	ng		95
19) n-Nitroso-di-n-propylamine	7.15	70	216082	53.037	ng		96
20) 3+4-Methylphenols	7.15	107	339743	55.129	ng		89
22) Acetophenone	7.14	105	428701	49.205	ng	#	95
24) Nitrobenzene	7.31	77	331186	46.959	ng		97
25) Isophorone	7.55	82	587609	47.442	ng		99
26) 2-Nitrophenol	7.63	139	175752	47.033	ng		97
27) 2,4-Dimethylphenol	7.67	122	268949	53.031	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	357629	44.361	ng		99
29) 2,4-Dichlorophenol	7.88	162	278806	46.698	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	302044	42.669	ng		99
31) Naphthalene	8.03	128	903821	46.281	ng		98
32) Benzoic acid	7.83	122	137674	38.706	ng		98
33) 4-Chloroaniline	8.09	127	162146	19.304	ng		97
34) Hexachlorobutadiene	8.15	225	186883	42.384	ng		98
35) Caprolactam	8.46	113	87666m	47.687	ng		
36) 4-Chloro-3-methylphenol	8.59	107	294355	48.716	ng		98
37) 2-Methylnaphthalene	8.72	142	629029	47.863	ng		98
38) 1-Methylnaphthalene	8.82	142	588433	47.609	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	311741	44.947	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	116247	50.033	ng		98
43) 2,4,6-Trichlorophenol	9.01	196	193830	44.255	ng		99
44) 2,4,5-Trichlorophenol	9.06	196	205094	44.624	ng		97
46) 1,1'-Biphenyl	9.18	154	759298	45.670	ng		98
47) 2-Chloronaphthalene	9.21	162	607994	45.380	ng		98
48) 2-Nitroaniline	9.31	65	177679	47.547	ng		95
49) Acenaphthylene	9.62	152	935932	48.368	ng		98
50) Dimethylphthalate	9.49	163	827052	52.577	ng		100
51) 2,6-Dinitrotoluene	9.55	165	166231	47.565	ng	#	80
52) Acenaphthene	9.79	154	552546	47.356	ng		99
53) 3-Nitroaniline	9.73	138	90322	23.312	ng		98
54) 2,4-Dinitrophenol	9.85	184	107874	65.050	ng		95
55) Dibenzofuran	9.97	168	824831	47.362	ng		97
56) 4-Nitrophenol	9.92	139	155491	66.796	ng		91
57) 2,4-Dinitrotoluene	9.96	165	214064	47.255	ng	#	87
58) Fluorene	10.31	166	675477	49.914	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	170113	43.865	ng		99
60) Diethylphthalate	10.19	149	723614	48.814	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	348054	48.589	ng		95
62) 4-Nitroaniline	10.35	138	154821	39.057	ng		95
63) Azobenzene	10.46	77	649583	50.413	ng		96
65) 4,6-Dinitro-2-methylphenol	10.38	198	110060	45.984	ng		97
66) n-Nitrosodiphenylamine	10.42	169	618317	47.741	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	230654	44.612	ng		94
68) Hexachlorobenzene	10.86	284	263285	44.168	ng		99
69) Atrazine	10.95	200	205263	45.361	ng		97
70) Pentachlorophenol	11.06	266	171927	71.600	ng		99
71) Phenanthrene	11.27	178	1026048	47.566	ng		98
72) Anthracene	11.32	178	1075231	49.888	ng		98
73) Carbazole	11.48	167	937990	48.851	ng		98
74) Di-n-butylphthalate	11.80	149	1143586	49.181	ng		98
75) Fluoranthene	12.46	202	1119735	48.904	ng		99
77) Benzidine	12.58	184	525177	42.901	ng		97
78) Pyrene	12.69	202	1135179	46.966	ng		99
80) Butylbenzylphthalate	13.30	149	490905	48.257	ng		98
81) Benzo(a)anthracene	13.87	228	989943	48.268	ng		99
82) 3,3'-Dichlorobenzidine	13.83	252	256973	32.267	ng		100
83) Chrysene	13.91	228	968676	47.400	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	678441	52.790	ng		100
85) Di-n-octyl phthalate	14.46	149	1087231	53.096	ng		99
86) Indeno(1,2,3-cd)pyrene	16.72	276	947461	47.881	ng		100
88) Benzo(b)fluoranthene	14.90	252	875951	46.165	ng		100
89) Benzo(k)fluoranthene	14.93	252	884373	50.294	ng		99
90) Benzo(a)pyrene	15.25	252	783893	45.775	ng		99
91) Dibenzo(a,h)anthracene	16.72	278	793605	52.669	ng		99
92) Benzo(g,h,i)perylene	17.13	276	812228	54.557	ng		99

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

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