Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
Data File : BF121294.D
Acq On : 14 Aug 2020 19:52
Operator : JU/CG
Sample : L3681-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-4-9FTMSD

Manual Integrations APPROVED
mohammad
8/18/2020 1:42:12 PM

Quant Time: Aug 17 04:18:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 13 15:23:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	77313	20.00	ng		-0.02
21) Naphthalene-d8	7.99	136	307672	20.00	ng		-0.01
39) Acenaphthene-d10	9.75	164	163080	20.00	ng		-0.01
64) Phenanthrene-d10	11.23	188	329900	20.00	ng		-0.01
76) Chrysene-d12	13.86	240	290748	20.00	ng		-0.01
86) Perylene-d12	15.27	264	291152	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	507289	99.48	ng		0.00
7) Phenol-d6	6.35	99	616053	93.75	ng		-0.01
23) Nitrobenzene-d5	7.27	82	396364	70.41	ng		-0.02
42) 2,4,6-Tribromophenol	10.53	330	197582	98.41	ng		-0.01
45) 2-Fluorobiphenyl	9.07	172	751094	63.71	ng		-0.01
79) Terphenyl-d14	12.81	244	870109	58.34	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	83112	38.297	ng		100
3) Pyridine	3.00	79	197751	35.005	ng		99
4) n-Nitrosodimethylamine	2.93	42	100095	43.263	ng		100
6) Aniline	6.36	93	249418	32.017	ng	#	88
8) 2-Chlorophenol	6.49	128	231033	41.200	ng		99
9) Benzaldehyde	6.25	77	140125	41.377	ng		96
10) Phenol	6.36	94	287733	40.363	ng		100
11) bis(2-Chloroethyl)ether	6.44	93	211240	41.052	ng		97
12) 1,3-Dichlorobenzene	6.65	146	232756	39.283	ng		100
13) 1,4-Dichlorobenzene	6.72	146	236887	39.556	ng		100
14) 1,2-Dichlorobenzene	6.87	146	225251	39.853	ng		100
15) Benzyl Alcohol	6.85	79	180019	40.894	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	301024	40.626	ng		98
17) 2-Methylphenol	6.97	107	184097	41.562	ng		98
18) Hexachloroethane	7.22	117	85879	40.551	ng		100
19) n-Nitroso-di-n-propylamine	7.12	70	141913	38.867	ng		99
20) 3+4-Methylphenols	7.12	107	223933	39.847	ng		91
22) Acetophenone	7.12	105	298404	37.656	ng		99
24) Nitrobenzene	7.29	77	228768	37.451	ng		95
25) Isophorone	7.53	82	418696	37.044	ng		96
26) 2-Nitrophenol	7.61	139	119914	40.515	ng		99
27) 2,4-Dimethylphenol	7.65	122	201718	42.537	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	264104	41.776	ng		99
29) 2,4-Dichlorophenol	7.85	162	188834	38.940	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	202641	37.861	ng		98
31) Naphthalene	8.01	128	650236	37.565	ng		100
32) Benzoic acid	7.77	122	106569	41.698	ng		99
33) 4-Chloroaniline	8.06	127	168284	23.823	ng		99
34) Hexachlorobutadiene	8.13	225	114582	35.383	ng		99
35) Caprolactam	8.42	113	63830m	43.700	ng		
36) 4-Chloro-3-methylphenol	8.55	107	196314	39.679	ng		99
37) 2-Methylnaphthalene	8.70	142	435027	38.192	ng		99
38) 1-Methylnaphthalene	8.80	142	413213	38.314	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	203143	37.176	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	143225	67.543 ng	98
43) 2,4,6-Trichlorophenol	8.99	196	137468	39.557 ng	100
44) 2,4,5-Trichlorophenol	9.03	196	150392	39.843 ng	97
46) 1,1'-Biphenyl	9.17	154	535435	37.998 ng	98
47) 2-Chloronaphthalene	9.19	162	406635	37.488 ng	99
48) 2-Nitroaniline	9.29	65	127179	41.713 ng	96
49) Acenaphthylene	9.60	152	664803	38.588 ng	100
50) Dimethylphthalate	9.47	163	538207	43.858 ng	99
51) 2,6-Dinitrotoluene	9.53	165	106143	38.802 ng	98
52) Acenaphthene	9.78	154	378734	37.130 ng	99
53) 3-Nitroaniline	9.70	138	81400	26.062 ng	97
54) 2,4-Dinitrophenol	9.82	184	77710	59.677 ng	96
55) Dibenzofuran	9.95	168	594319	36.588 ng	97
56) 4-Nitrophenol	9.87	139	184385	91.477 ng	100
57) 2,4-Dinitrotoluene	9.94	165	143165	39.880 ng	97
58) Fluorene	10.29	166	446924	36.347 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	127421	42.695 ng	97
60) Diethylphthalate	10.17	149	482609	38.674 ng	99
61) 4-Chlorophenyl-phenylether	10.29	204	219954	36.780 ng	99
62) 4-Nitroaniline	10.32	138	112179	35.823 ng	99
63) Azobenzene	10.45	77	463278	37.156 ng	98
65) 4,6-Dinitro-2-methylphenol	10.35	198	61701	32.390 ng	99
66) n-Nitrosodiphenylamine	10.40	169	418849	37.027 ng	99
67) 4-Bromophenyl-phenylether	10.77	248	143638	37.326 ng	98
68) Hexachlorobenzene	10.84	284	163910	37.353 ng	99
69) Atrazine	10.93	200	117330	34.677 ng	99
70) Pentachlorophenol	11.04	266	183159	92.657 ng	99
71) Phenanthrene	11.25	178	705434	37.377 ng	100
72) Anthracene	11.30	178	723590	38.205 ng	100
73) Carbazole	11.46	167	687441	37.114 ng	100
74) Di-n-butylphthalate	11.79	149	822724	39.351 ng	100
75) Fluoranthene	12.44	202	844881	40.203 ng	99
77) Benzidine	12.56	184	505112	66.085 ng	98
78) Pyrene	12.66	202	869413	40.155 ng	99
80) Butylbenzylphthalate	13.29	149	373319	42.211 ng	100
81) Benzo(a)anthracene	13.85	228	729113	36.973 ng	100
82) 3,3'-Dichlorobenzidine	13.82	252	259797	33.205 ng	98
83) Chrysene	13.89	228	767675	38.129 ng	100
84) Bis(2-ethylhexyl)phthalate	13.85	149	459660	37.708 ng	99
85) Di-n-octyl phthalate	14.46	149	928838	41.559 ng	100
87) Indeno(1,2,3-cd)pyrene	16.64	276	780046	36.035 ng	99
88) Benzo(b)fluoranthene	14.87	252	758261	38.869 ng	99
89) Benzo(k)fluoranthene	14.90	252	721643	39.835 ng	99
90) Benzo(a)pyrene	15.22	252	670173	38.061 ng	99
91) Dibenzo(a,h)anthracene	16.66	278	636050	34.292 ng	99
92) Benzo(g,h,i)perylene	17.05	276	658679	35.985 ng	98

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

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