Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
Data File : BF120987.D
Acq On : 23 Jul 2020 18:22
Operator : JU/CG
Sample : L3380-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD

Manual Integrations APPROVED
Sohil
7/24/2020 12:12:15 PM

Quant Time: Jul 24 05:20:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	162768	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	627377	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	217265	20.00	ng		0.02
64) Phenanthrene-d10	11.37	188	146938	20.00	ng		0.04
76) Chrysene-d12	13.99	240	304142	20.00	ng		0.02
86) Perylene-d12	15.43	264	434047	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1135356	114.35	ng		0.01
7) Phenol-d6	6.45	99	1449047	112.98	ng		0.00
23) Nitrobenzene-d5	7.38	82	894846	82.53	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	262703	110.46	ng		0.02
45) 2-Fluorobiphenyl	9.18	172	1568631	107.80	ng		0.00
79) Terphenyl-d14	12.96	244	752022	53.75	ng		0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	189814	41.539	ng		99
3) Pyridine	3.32	79	453989	37.348	ng		98
4) n-Nitrosodimethylamine	3.26	42	223295	42.958	ng		93
6) Aniline	6.47	93	331563	19.805	ng		98
8) 2-Chlorophenol	6.60	128	500315	45.742	ng		99
9) Benzaldehyde	6.36	77	360327	71.481	ng		97
10) Phenol	6.46	94	575355	40.781	ng		96
11) bis(2-Chloroethyl)ether	6.55	93	471793	43.634	ng		99
12) 1,3-Dichlorobenzene	6.76	146	500238	42.177	ng		98
13) 1,4-Dichlorobenzene	6.83	146	508714	43.135	ng		99
14) 1,2-Dichlorobenzene	6.99	146	487823	43.723	ng		98
15) Benzyl Alcohol	6.96	79	395075	43.558	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	657702	42.202	ng		99
17) 2-Methylphenol	7.07	107	389368	40.164	ng		99
18) Hexachloroethane	7.33	117	189755	44.454	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	305802	41.931	ng		100
20) 3+4-Methylphenols	7.22	107	440316	35.704	ng	#	84
22) Acetophenone	7.23	105	601825	42.743	ng		97
24) Nitrobenzene	7.40	77	489880	41.920	ng		99
25) Isophorone	7.64	82	906981	41.914	ng		100
26) 2-Nitrophenol	7.72	139	260724	46.977	ng		100
27) 2,4-Dimethylphenol	7.76	122	423797	47.030	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	581368	44.013	ng		99
29) 2,4-Dichlorophenol	7.96	162	401200	43.571	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	433132	42.397	ng		98
31) Naphthalene	8.12	128	1330599	41.347	ng		99
32) Benzoic acid	7.89	122	332026	49.085	ng		98
33) 4-Chloroaniline	8.17	127	246978	17.204	ng		99
34) Hexachlorobutadiene	8.24	225	249321	41.399	ng		99
35) Caprolactam	8.55	113	111782m	37.855	ng		
36) 4-Chloro-3-methylphenol	8.66	107	421656	44.649	ng		98
37) 2-Methylnaphthalene	8.82	142	875725	41.910	ng		100
38) 1-Methylnaphthalene	8.92	142	817716	41.319	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	389357	61.508	ng		98

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Quant Time: Jul 24 05:20:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	415774	118.842	ng		97
43) 2,4,6-Trichlorophenol	9.09	196	284858	63.912	ng		100
44) 2,4,5-Trichlorophenol	9.13	196	293806	58.114	ng	#	90
46) 1,1'-Biphenyl	9.28	154	1034550	62.424	ng		98
47) 2-Chloronaphthalene	9.30	162	764915	56.610	ng		98
48) 2-Nitroaniline	9.40	65	239364	58.619	ng		97
49) Acenaphthylene	9.73	152	1116844	53.205	ng		96
50) Dimethylphthalate	9.59	163	998522	63.704	ng	#	96
51) 2,6-Dinitrotoluene	9.65	165	200472	59.532	ng	#	84
52) Acenaphthene	9.90	154	633976	47.504	ng		99
53) 3-Nitroaniline	9.81	138	136060	32.215	ng	#	88
54) 2,4-Dinitrophenol	9.92	184	133238	69.701	ng	#	64
55) Dibenzofuran	10.07	168	780775	40.457	ng		97
56) 4-Nitrophenol	9.97	139	258180	80.474	ng	#	68
57) 2,4-Dinitrotoluene	10.05	165	187676	42.439	ng	#	95
58) Fluorene	10.42	166	439030	30.502	ng	#	95
59) 2,3,4,6-Tetrachlorophenol	10.19	232	157346	40.876	ng	#	95
60) Diethylphthalate	10.29	149	488816	30.832	ng	#	93
61) 4-Chlorophenyl-phenylether	10.41	204	220114	28.671	ng	#	85
62) 4-Nitroaniline	10.42	138	74106m	18.013	ng		
63) Azobenzene	10.57	77	462316	30.630	ng		92
65) 4,6-Dinitro-2-methylphenol	10.46	198	68228	77.649	ng	#	1
66) n-Nitrosodiphenylamine	10.53	169	387327	83.794	ng		98
67) 4-Bromophenyl-phenylether	10.91	248	132347	80.786	ng	#	84
68) Hexachlorobenzene	10.99	284	134140	75.693	ng	#	81
69) Atrazine	11.07	200	88530	77.335	ng	#	65
70) Pentachlorophenol	11.17	266	142629	140.488	ng		99
71) Phenanthrene	11.40	178	335011	44.331	ng	#	85
72) Anthracene	11.45	178	361473	47.635	ng	#	90
73) Carbazole	11.60	167	284767	37.814	ng	#	85
74) Di-n-butylphthalate	11.93	149	386347	44.456	ng	#	93
75) Fluoranthene	12.59	202	452151	53.979	ng		94
77) Benzidine	12.70	184	139068	17.391	ng	#	69
78) Pyrene	12.82	202	536922	24.970	ng		97
80) Butylbenzylphthalate	13.42	149	331749	34.609	ng		93
81) Benzo(a)anthracene	13.98	228	828514	44.986	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	108289	15.585	ng	#	96
83) Chrysene	14.02	228	827846	42.772	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	599420	50.711	ng	#	98
85) Di-n-octyl phthalate	14.57	149	1251720	53.227	ng		100
87) Indeno(1,2,3-cd)pyrene	16.86	276	1400926	46.409	ng		100
88) Benzo(b)fluoranthene	15.01	252	1157841	44.131	ng		98
89) Benzo(k)fluoranthene	15.04	252	948481	39.640	ng		99
90) Benzo(a)pyrene	15.37	252	1018133	42.533	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	1157869	46.958	ng		98
92) Benzo(g,h,i)perylene	17.29	276	1197328	49.248	ng		99

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

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