Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
Data File : BF121276.D
Acq On : 13 Aug 2020 18:03
Operator : JU/CG
Sample : L3659-07MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP1-3MS

Manual Integrations APPROVED
Sohil
8/14/2020 2:53:24 PM

Quant Time: Aug 13 19:01:14 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	6.72	152	18647	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	76040	20.00	ng		0.00
39) Acenaphthene-d10	9.75	164	39582	20.00	ng		0.00
64) Phenanthrene-d10	11.23	188	78346	20.00	ng		0.00
76) Chrysene-d12	13.87	240	72678	20.00	ng		0.00
86) Perylene-d12	15.28	264	73990	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	121221	98.56	ng		0.00
7) Phenol-d6	6.35	99	150198	94.76	ng		0.00
23) Nitrobenzene-d5	7.28	82	92409	66.42	ng		0.00
42) 2,4,6-Tribromophenol	10.54	330	44520	91.35	ng		0.00
45) 2-Fluorobiphenyl	9.07	172	198088	69.23	ng		0.00
79) Terphenyl-d14	12.82	244	234842	62.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	20890	39.911	ng	#	94
3) Pyridine	2.98	79	49099m	36.035	ng		
4) n-Nitrosodimethylamine	2.89	42	24595	44.075	ng		97
6) Aniline	6.37	93	48648	25.892	ng		96
8) 2-Chlorophenol	6.50	128	58615	43.339	ng		94
9) Benzaldehyde	6.26	77	35702	43.710	ng		97
10) Phenol	6.36	94	78137	45.445	ng		85
11) bis(2-Chloroethyl)ether	6.45	93	55751	44.921	ng		99
12) 1,3-Dichlorobenzene	6.66	146	62012	43.394	ng		97
13) 1,4-Dichlorobenzene	6.73	146	62640	43.367	ng		98
14) 1,2-Dichlorobenzene	6.89	146	61020	44.762	ng		100
15) Benzyl Alcohol	6.86	79	44915	42.304	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	79162	44.296	ng		97
17) 2-Methylphenol	6.98	107	48678	45.565	ng		98
18) Hexachloroethane	7.23	117	22315	43.687	ng		95
19) n-Nitroso-di-n-propylamine	7.13	70	38440	43.650	ng		97
20) 3+4-Methylphenols	7.13	107	62049	45.778	ng	#	85
22) Acetophenone	7.13	105	84571	43.181	ng	#	97
24) Nitrobenzene	7.30	77	60222	39.890	ng		94
25) Isophorone	7.54	82	109913	39.347	ng		94
26) 2-Nitrophenol	7.62	139	28676	39.203	ng		96
27) 2,4-Dimethylphenol	7.66	122	50994	43.510	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	68765	44.011	ng		100
29) 2,4-Dichlorophenol	7.87	162	47417	39.564	ng		96
30) 1,2,4-Trichlorobenzene	7.95	180	54243	41.007	ng		99
31) Naphthalene	8.03	128	177212	41.424	ng		97
32) Benzoic acid	7.75	122	19494	32.898	ng		95
33) 4-Chloroaniline	8.08	127	47380	27.139	ng		96
34) Hexachlorobutadiene	8.15	225	31098	38.856	ng		97
35) Caprolactam	8.41	113	14474	40.095	ng		98
36) 4-Chloro-3-methylphenol	8.56	107	50135	41.001	ng		98
37) 2-Methylnaphthalene	8.72	142	116701	41.455	ng		98
38) 1-Methylnaphthalene	8.82	142	110818	41.575	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.88	216	54169	40.843	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	25723	56.319	ng		100
43) 2,4,6-Trichlorophenol	9.00	196	32470	38.495	ng		98
44) 2,4,5-Trichlorophenol	9.04	196	36014	39.310	ng		94
46) 1,1'-Biphenyl	9.18	154	142915	41.787	ng		97
47) 2-Chloronaphthalene	9.20	162	107554	40.852	ng		99
48) 2-Nitroaniline	9.30	65	30783	41.598	ng		95
49) Acenaphthylene	9.62	152	175419	41.951	ng		98
50) Dimethylphthalate	9.47	163	145839	48.964	ng		100
51) 2,6-Dinitrotoluene	9.54	165	25303	38.110	ng		99
52) Acenaphthene	9.79	154	101431	40.970	ng		98
53) 3-Nitroaniline	9.70	138	23829	31.433	ng		90
54) 2,4-Dinitrophenol	9.82	184	13789	49.072	ng	#	83
55) Dibenzofuran	9.96	168	162510	41.219	ng		100
56) 4-Nitrophenol	9.87	139	37558	76.770	ng		97
57) 2,4-Dinitrotoluene	9.94	165	34334	39.404	ng	#	88
58) Fluorene	10.30	166	124086	41.578	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.08	232	29014m	40.054	ng		
60) Diethylphthalate	10.17	149	126770	41.855	ng		98
61) 4-Chlorophenyl-phenylether	10.29	204	61683	42.496	ng		99
62) 4-Nitroaniline	10.31	138	29065	38.240	ng		95
63) Azobenzene	10.45	77	121417	40.120	ng		98
65) 4,6-Dinitro-2-methylphenol	10.35	198	12511	28.523	ng		98
66) n-Nitrosodiphenylamine	10.41	169	109771	40.862	ng		99
67) 4-Bromophenyl-phenylether	10.78	248	36393	39.823	ng		94
68) Hexachlorobenzene	10.85	284	41946	40.251	ng		98
69) Atrazine	10.94	200	30515	37.976	ng		99
70) Pentachlorophenol	11.05	266	28373	62.637	ng		99
71) Phenanthrene	11.26	178	184447	41.152	ng		100
72) Anthracene	11.31	178	189741	42.185	ng		98
73) Carbazole	11.47	167	175199	39.829	ng		99
74) Di-n-butylphthalate	11.80	149	209297	42.153	ng		98
75) Fluoranthene	12.44	202	214964	43.072	ng		98
77) Benzidine	12.57	184	80417	42.090	ng		99
78) Pyrene	12.67	202	224650	41.508	ng		99
80) Butylbenzylphthalate	13.30	149	89960	40.692	ng		96
81) Benzo(a)anthracene	13.86	228	209726	42.546	ng		99
82) 3,3'-Dichlorobenzidine	13.82	252	52772	26.983	ng		98
83) Chrysene	13.89	228	205786	40.889	ng		98
84) Bis(2-ethylhexyl)phthalate	13.86	149	134227	44.051	ng		99
85) Di-n-octyl phthalate	14.47	149	236164	42.272	ng		100
87) Indeno(1,2,3-cd)pyrene	16.66	276	225204	40.938	ng		99
88) Benzo(b)fluoranthene	14.88	252	202877	40.922	ng		99
89) Benzo(k)fluoranthene	14.91	252	205749	44.692	ng		97
90) Benzo(a)pyrene	15.23	252	185975	41.562	ng		97
91) Dibenzo(a,h)anthracene	16.67	278	188808	40.056	ng		99
92) Benzo(g,h,i)perylene	17.06	276	188179	40.454	ng		98

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

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