Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
Data File : BF121309.D
Acq On : 17 Aug 2020 14:45
Operator : JU/CG
Sample : L3691-12MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MS

Manual Integrations APPROVED
mohammad
8/18/2020 1:50:10 PM

Quant Time: Aug 17 17:15:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 10:52:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	80515	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	316320	20.00	ng		0.00
39) Acenaphthene-d10	9.74	164	168164	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	338094	20.00	ng		0.00
76) Chrysene-d12	13.86	240	292135	20.00	ng		0.00
86) Perylene-d12	15.27	264	302254	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	407973	76.82	ng		0.00
7) Phenol-d6	6.35	99	489686	71.55	ng		0.00
23) Nitrobenzene-d5	7.27	82	317674	54.89	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	158302	76.46	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	585439	48.16	ng		0.00
79) Terphenyl-d14	12.80	244	663872	44.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	86510	38.278	ng		99
3) Pyridine	3.00	79	193319	32.859	ng		100
4) n-Nitrosodimethylamine	2.95	42	101888	42.286	ng		97
6) Aniline	6.36	93	213041	26.260	ng	#	59
8) 2-Chlorophenol	6.49	128	236463	40.492	ng		97
9) Benzaldehyde	6.25	77	139539	39.565	ng		94
10) Phenol	6.36	94	302824	40.790	ng		80
11) bis(2-Chloroethyl)ether	6.44	93	219208	40.906	ng		99
12) 1,3-Dichlorobenzene	6.65	146	240991	39.056	ng		99
13) 1,4-Dichlorobenzene	6.72	146	245094	39.299	ng		99
14) 1,2-Dichlorobenzene	6.87	146	233119	39.605	ng		99
15) Benzyl Alcohol	6.85	79	185931	40.558	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	311882	40.418	ng		100
17) 2-Methylphenol	6.97	107	186823	40.500	ng		99
18) Hexachloroethane	7.22	117	87844	39.829	ng		94
19) n-Nitroso-di-n-propylamine	7.12	70	147642	38.828	ng		98
20) 3+4-Methylphenols	7.12	107	233984	39.980	ng	#	80
22) Acetophenone	7.12	105	307107	37.694	ng	#	96
24) Nitrobenzene	7.29	77	236642	37.681	ng		97
25) Isophorone	7.53	82	429129	36.929	ng		97
26) 2-Nitrophenol	7.61	139	122568	40.280	ng		95
27) 2,4-Dimethylphenol	7.65	122	205022	42.052	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	275460	42.381	ng		99
29) 2,4-Dichlorophenol	7.85	162	191071	38.325	ng		97
30) 1,2,4-Trichlorobenzene	7.93	180	205139	37.280	ng		98
31) Naphthalene	8.01	128	661086	37.148	ng		100
32) Benzoic acid	7.77	122	110576	42.010	ng		99
33) 4-Chloroaniline	8.06	127	128815	17.737	ng		100
34) Hexachlorobutadiene	8.13	225	120445	36.177	ng		98
35) Caprolactam	8.43	113	63864m	42.528	ng		
36) 4-Chloro-3-methylphenol	8.55	107	202711	39.852	ng		98
37) 2-Methylnaphthalene	8.70	142	450806	38.495	ng		100
38) 1-Methylnaphthalene	8.80	142	417357	37.640	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	209609	37.200	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	126411	61.515 ng	97
43) 2,4,6-Trichlorophenol	8.99	196	142156	39.669 ng	99
44) 2,4,5-Trichlorophenol	9.03	196	152913	39.286 ng	97
46) 1,1'-Biphenyl	9.17	154	547937	37.710 ng	99
47) 2-Chloronaphthalene	9.19	162	417392	37.316 ng	99
48) 2-Nitroaniline	9.29	65	128470	40.862 ng	95
49) Acenaphthylene	9.60	152	676020	38.053 ng	100
50) Dimethylphthalate	9.47	163	615283	48.623 ng	99
51) 2,6-Dinitrotoluene	9.53	165	109221	38.720 ng	94
52) Acenaphthene	9.77	154	391190	37.192 ng	99
53) 3-Nitroaniline	9.70	138	72267	22.438 ng	93
54) 2,4-Dinitrophenol	9.82	184	96115	66.739 ng	97
55) Dibenzofuran	9.95	168	602565	35.974 ng	97
56) 4-Nitrophenol	9.87	139	181946	87.538 ng	94
57) 2,4-Dinitrotoluene	9.94	165	146863	39.673 ng	98
58) Fluorene	10.29	166	457963	36.119 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	130403	42.373 ng	99
60) Diethylphthalate	10.17	149	499107	38.787 ng	98
61) 4-Chlorophenyl-phenylether	10.28	204	224793	36.452 ng	94
62) 4-Nitroaniline	10.31	138	120402	37.286 ng	99
63) Azobenzene	10.44	77	473336	36.815 ng	96
65) 4,6-Dinitro-2-methylphenol	10.35	198	73116	36.525 ng	91
66) n-Nitrosodiphenylamine	10.40	169	428762	36.985 ng	99
67) 4-Bromophenyl-phenylether	10.77	248	149795	37.983 ng	94
68) Hexachlorobenzene	10.84	284	167152	37.169 ng	95
69) Atrazine	10.93	200	121730	35.105 ng	98
70) Pentachlorophenol	11.03	266	178442	88.395 ng	97
71) Phenanthrene	11.25	178	757692	39.173 ng	100
72) Anthracene	11.30	178	749125	38.595 ng	99
73) Carbazole	11.46	167	703370	37.053 ng	100
74) Di-n-butylphthalate	11.79	149	852595	39.792 ng	100
75) Fluoranthene	12.43	202	926903	43.037 ng	100
77) Benzidine	12.56	184	397056	51.701 ng	100
78) Pyrene	12.66	202	927854	42.651 ng	99
80) Butylbenzylphthalate	13.29	149	386291	43.471 ng	97
81) Benzo(a)anthracene	13.85	228	774876	39.107 ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	239919	30.519 ng	99
83) Chrysene	13.89	228	805082	39.797 ng	99
84) Bis(2-ethylhexyl)phthalate	13.84	149	485368	39.628 ng	99
85) Di-n-octyl phthalate	14.46	149	967130	43.067 ng	100
87) Indeno(1,2,3-cd)pyrene	16.64	276	834717	37.144 ng	99
88) Benzo(b)fluoranthene	14.87	252	834013	41.182 ng	99
89) Benzo(k)fluoranthene	14.90	252	726672	38.639 ng	99
90) Benzo(a)pyrene	15.22	252	709606	38.821 ng	99
91) Dibenzo(a,h)anthracene	16.65	278	675928	35.103 ng	98
92) Benzo(g,h,i)perylene	17.04	276	700028	36.839 ng	98

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

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