Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
Data File : BF121307.D
Acq On : 17 Aug 2020 13:43
Operator : JU/CG
Sample : L3659-07MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP1-3MSD

Quant Time: Aug 17 17:02:13 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	33125	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	130907	20.00	ng		0.00
39) Acenaphthene-d10	9.74	164	68111	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	137765	20.00	ng		0.00
76) Chrysene-d12	13.86	240	126810	20.00	ng		0.00
86) Perylene-d12	15.27	264	128123	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	191162	87.49	ng		0.00
7) Phenol-d6	6.34	99	235061	83.49	ng		0.00
23) Nitrobenzene-d5	7.27	82	147216	61.46	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	70815	84.45	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	300983	61.13	ng		0.00
79) Terphenyl-d14	12.80	244	358018	55.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	31983	34.397	ng		95
3) Pyridine	2.96	79	67042	27.698	ng		99
4) n-Nitrosodimethylamine	2.87	42	36339	36.658	ng		94
6) Aniline	6.36	93	45884	13.747	ng	#	72
8) 2-Chlorophenol	6.49	128	86059	35.819	ng		97
9) Benzaldehyde	6.25	77	51360	35.397	ng		90
10) Phenol	6.35	94	109326	35.794	ng	#	74
11) bis(2-Chloroethyl)ether	6.44	93	81247	36.852	ng		97
12) 1,3-Dichlorobenzene	6.64	146	89062	35.083	ng		99
13) 1,4-Dichlorobenzene	6.72	146	91806	35.780	ng		98
14) 1,2-Dichlorobenzene	6.87	146	86261	35.621	ng		99
15) Benzyl Alcohol	6.85	79	68624	36.385	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	114185	35.968	ng		100
17) 2-Methylphenol	6.97	107	69065	36.392	ng		97
18) Hexachloroethane	7.22	117	32016	35.284	ng		95
19) n-Nitroso-di-n-propylamine	7.12	70	56131	35.881	ng		98
20) 3+4-Methylphenols	7.12	107	90205	37.463	ng	#	64
22) Acetophenone	7.12	105	119005	35.295	ng		96
24) Nitrobenzene	7.29	77	86741	33.375	ng		98
25) Isophorone	7.53	82	159026	33.068	ng		98
26) 2-Nitrophenol	7.60	139	42868	34.041	ng		94
27) 2,4-Dimethylphenol	7.65	122	74407	36.878	ng		99
28) bis(2-Chloroethoxy)methane	7.74	93	100155	37.235	ng		99
29) 2,4-Dichlorophenol	7.85	162	70987	34.405	ng		95
30) 1,2,4-Trichlorobenzene	7.93	180	76576	33.627	ng		99
31) Naphthalene	8.01	128	251093	34.094	ng		99
32) Benzoic acid	7.75	122	27307	28.229	ng		96
33) 4-Chloroaniline	8.06	127	41397	13.774	ng		99
34) Hexachlorobutadiene	8.13	225	44489	32.289	ng		100
35) Caprolactam	8.40	113	21912	35.259	ng		98
36) 4-Chloro-3-methylphenol	8.55	107	72534	34.457	ng		94
37) 2-Methylnaphthalene	8.70	142	167024	34.464	ng		98
38) 1-Methylnaphthalene	8.80	142	157960	34.423	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	77743	34.065	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	27573	42.074	ng		99
43) 2,4,6-Trichlorophenol	8.99	196	49307	33.971	ng		99
44) 2,4,5-Trichlorophenol	9.03	196	53825	34.142	ng		95
46) 1,1'-Biphenyl	9.16	154	205262	34.878	ng		98
47) 2-Chloronaphthalene	9.19	162	156143	34.466	ng		99
48) 2-Nitroaniline	9.29	65	45406	35.658	ng		94
49) Acenaphthylene	9.60	152	250378	34.797	ng		99
50) Dimethylphthalate	9.46	163	214690	41.889	ng		100
51) 2,6-Dinitrotoluene	9.53	165	37986	33.249	ng		98
52) Acenaphthene	9.77	154	144749	33.977	ng		100
53) 3-Nitroaniline	9.70	138	25642	19.657	ng		99
54) 2,4-Dinitrophenol	9.81	184	19374	43.153	ng	#	89
55) Dibenzofuran	9.95	168	229287	33.797	ng		99
56) 4-Nitrophenol	9.87	139	60727	72.136	ng		94
57) 2,4-Dinitrotoluene	9.93	165	50571	33.729	ng		96
58) Fluorene	10.29	166	177714	34.605	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	44804	35.945	ng		97
60) Diethylphthalate	10.16	149	179439	34.429	ng		99
61) 4-Chlorophenyl-phenylether	10.28	204	88530	35.445	ng		97
62) 4-Nitroaniline	10.30	138	39035	29.846	ng		98
63) Azobenzene	10.44	77	174579	33.524	ng		97
65) 4,6-Dinitro-2-methylphenol	10.35	198	17857	24.269	ng		85
66) n-Nitrosodiphenylamine	10.40	169	157394	33.319	ng		100
67) 4-Bromophenyl-phenylether	10.77	248	51987	32.351	ng		93
68) Hexachlorobenzene	10.83	284	61562	33.595	ng		97
69) Atrazine	10.93	200	43477	30.771	ng		99
70) Pentachlorophenol	11.03	266	54590	67.941	ng		96
71) Phenanthrene	11.24	178	266303	33.789	ng		99
72) Anthracene	11.30	178	273600	34.593	ng		100
73) Carbazole	11.46	167	255381	33.016	ng		99
74) Di-n-butylphthalate	11.79	149	301895	34.578	ng		100
75) Fluoranthene	12.43	202	308829	35.190	ng		96
77) Benzidine	12.56	184	106923	32.074	ng		99
78) Pyrene	12.66	202	320682	33.959	ng		99
80) Butylbenzylphthalate	13.28	149	134782	34.942	ng		94
81) Benzo(a)anthracene	13.84	228	298798	34.740	ng		99
82) 3,3'-Dichlorobenzidine	13.81	252	82664	24.224	ng		99
83) Chrysene	13.88	228	301021	34.279	ng		98
84) Bis(2-ethylhexyl)phthalate	13.84	149	188939	35.537	ng		99
85) Di-n-octyl phthalate	14.45	149	348675	35.769	ng		100
87) Indeno(1,2,3-cd)pyrene	16.63	276	304920	32.010	ng		99
88) Benzo(b)fluoranthene	14.87	252	306226	35.671	ng		99
89) Benzo(k)fluoranthene	14.89	252	286348	35.919	ng		99
90) Benzo(a)pyrene	15.21	252	268002	34.588	ng		99
91) Dibenzo(a,h)anthracene	16.64	278	261973	32.096	ng		98
92) Benzo(g,h,i)perylene	17.03	276	252617	31.362	ng		99

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

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