Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
Data File : BF120986.D
Acq On : 23 Jul 2020 17:51
Operator : JU/CG
Sample : L3380-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-241MS

Quant Time: Jul 23 18:28:24 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	6.81	152	160787	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	612722	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	246798	20.00	ng		0.01
64) Phenanthrene-d10	11.36	188	205155	20.00	ng		0.03
76) Chrysene-d12	13.99	240	345430	20.00	ng		0.01
86) Perylene-d12	15.42	264	430831	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	782070	79.74	ng		0.00
7) Phenol-d6	6.45	99	984209	77.68	ng		0.00
23) Nitrobenzene-d5	7.37	82	609377	57.55	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	186908	69.19	ng		0.02
45) 2-Fluorobiphenyl	9.17	172	1100808	66.60	ng		0.00
79) Terphenyl-d14	12.94	244	641821	40.39	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	184850	40.951	ng		100
3) Pyridine	3.32	79	424604	35.361	ng		98
4) n-Nitrosodimethylamine	3.27	42	211111	41.115	ng		94
6) Aniline	6.47	93	385913	23.335	ng		99
8) 2-Chlorophenol	6.60	128	477079	44.155	ng		99
9) Benzaldehyde	6.36	77	344734	67.238	ng		97
10) Phenol	6.46	94	577366	41.428	ng		98
11) bis(2-Chloroethyl)ether	6.55	93	446553	41.809	ng		97
12) 1,3-Dichlorobenzene	6.76	146	475158	40.556	ng		98
13) 1,4-Dichlorobenzene	6.83	146	489680	42.032	ng		98
14) 1,2-Dichlorobenzene	6.98	146	470969	42.732	ng		98
15) Benzyl Alcohol	6.96	79	377981	42.187	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	626423	40.690	ng		99
17) 2-Methylphenol	7.07	107	376831	39.349	ng		99
18) Hexachloroethane	7.33	117	181478	43.039	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	294224	40.840	ng		99
20) 3+4-Methylphenols	7.22	107	425650	34.940	ng	#	84
22) Acetophenone	7.22	105	580313	42.201	ng	#	93
24) Nitrobenzene	7.40	77	467852	40.993	ng		98
25) Isophorone	7.64	82	871213	41.224	ng		100
26) 2-Nitrophenol	7.72	139	248429	45.832	ng		96
27) 2,4-Dimethylphenol	7.75	122	408591	46.427	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	553388	42.897	ng		99
29) 2,4-Dichlorophenol	7.96	162	385858	42.907	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	419939	42.089	ng		100
31) Naphthalene	8.12	128	1283959	40.852	ng		100
32) Benzoic acid	7.88	122	304847	46.145	ng		98
33) 4-Chloroaniline	8.17	127	217397	15.506	ng		97
34) Hexachlorobutadiene	8.24	225	237787	40.428	ng		99
35) Caprolactam	8.55	113	120035	41.622	ng	#	88
36) 4-Chloro-3-methylphenol	8.66	107	399516	43.317	ng		98
37) 2-Methylnaphthalene	8.81	142	853742	41.835	ng		98
38) 1-Methylnaphthalene	8.91	142	798506	41.314	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	368512	51.249	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	408975	102.910	ng		97
43) 2,4,6-Trichlorophenol	9.09	196	268045	52.943	ng		98
44) 2,4,5-Trichlorophenol	9.13	196	277369	48.297	ng	#	95
46) 1,1'-Biphenyl	9.28	154	963936	51.203	ng		99
47) 2-Chloronaphthalene	9.30	162	730609	47.601	ng		98
48) 2-Nitroaniline	9.40	65	232635	50.153	ng		92
49) Acenaphthylene	9.72	152	1051937	44.116	ng		98
50) Dimethylphthalate	9.58	163	891072	50.046	ng		98
51) 2,6-Dinitrotoluene	9.64	165	210226	54.958	ng		92
52) Acenaphthene	9.89	154	649392	42.837	ng		98
53) 3-Nitroaniline	9.80	138	121688	25.365	ng	#	97
54) 2,4-Dinitrophenol	9.92	184	142100	65.859	ng		92
55) Dibenzofuran	10.07	168	823176	37.550	ng		98
56) 4-Nitrophenol	9.97	139	284381	78.034	ng	#	82
57) 2,4-Dinitrotoluene	10.05	165	209199	41.646	ng	#	97
58) Fluorene	10.42	166	451930	27.641	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	168195	38.466	ng	#	98
60) Diethylphthalate	10.29	149	592026	32.873	ng		97
61) 4-Chlorophenyl-phenylether	10.40	204	248070	28.446	ng		92
62) 4-Nitroaniline	10.42	138	97403	20.843	ng		82
63) Azobenzene	10.57	77	490222	28.593	ng		96
65) 4,6-Dinitro-2-methylphenol	10.46	198	75750	62.533	ng	#	46
66) n-Nitrosodiphenylamine	10.52	169	427905	66.303	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	131900	57.666	ng		92
68) Hexachlorobenzene	10.97	284	157962	63.842	ng		98
69) Atrazine	11.06	200	110973	69.431	ng		82
70) Pentachlorophenol	11.16	266	163138	115.090	ng		98
71) Phenanthrene	11.39	178	415008	39.333	ng	#	91
72) Anthracene	11.44	178	450268	42.499	ng	#	95
73) Carbazole	11.59	167	366263	34.834	ng	#	91
74) Di-n-butylphthalate	11.93	149	506695	41.759	ng	#	96
75) Fluoranthene	12.59	202	586172	50.121	ng		94
77) Benzidine	12.69	184	213465	23.504	ng	#	83
78) Pyrene	12.81	202	671422	27.492	ng		98
80) Butylbenzylphthalate	13.41	149	396560	36.425	ng		94
81) Benzo(a)anthracene	13.98	228	912136	43.606	ng		100
82) 3,3'-Dichlorobenzidine	13.94	252	146286	18.537	ng	#	98
83) Chrysene	14.02	228	902448	41.054	ng		98
84) Bis(2-ethylhexyl)phthalate	13.96	149	660042	49.165	ng		100
85) Di-n-octyl phthalate	14.57	149	1298096	48.601	ng		100
87) Indeno(1,2,3-cd)pyrene	16.85	276	1304369	43.533	ng		100
88) Benzo(b)fluoranthene	15.01	252	1073883	41.236	ng		99
89) Benzo(k)fluoranthene	15.04	252	1010237	42.536	ng		100
90) Benzo(a)pyrene	15.36	252	984283	41.426	ng		98
91) Dibenzo(a,h)anthracene	16.87	278	1085495	44.351	ng		98
92) Benzo(g,h,i)perylene	17.28	276	1114236	46.172	ng		99

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

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