Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
Data File : BM027180.D
Acq On : 21 Aug 2020 21:29
Operator : JU/CG
Sample : L3720-07MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MP-081920-BD-0-2-COMPMSD

Quant Time: Aug 24 10:44:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 10:33:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	117440	20.00	ng		0.00
21) Naphthalene-d8	10.39	136	423053	20.00	ng		0.00
39) Acenaphthene-d10	14.25	164	260187	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	558294	20.00	ng		0.00
76) Chrysene-d12	21.19	240	654659	20.00	ng		0.00
86) Perylene-d12	23.38	264	743296	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	662721	110.01	ng		0.00
7) Phenol-d6	6.80	99	866191	104.72	ng		0.00
23) Nitrobenzene-d5	8.76	82	684457	66.75	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	372939	88.52	ng		0.00
45) 2-Fluorobiphenyl	12.87	172	1273926	64.32	ng		0.00
79) Terphenyl-d14	19.64	244	1748404	49.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	85029	29.535	ng		98
3) Pyridine	3.59	79	187932	23.254	ng		97
4) n-Nitrosodimethylamine	3.49	42	102730	29.139	ng	#	85
6) Aniline	6.95	93	271313	28.874	ng		99
8) 2-Chlorophenol	7.18	128	247938	39.549	ng		97
9) Benzaldehyde	6.76	77	185339	32.727	ng		96
10) Phenol	6.82	94	327853	41.591	ng		89
11) bis(2-Chloroethyl)ether	7.05	93	252972	39.260	ng		97
12) 1,3-Dichlorobenzene	7.50	146	298387	34.008	ng		95
13) 1,4-Dichlorobenzene	7.65	146	298962	33.772	ng		98
14) 1,2-Dichlorobenzene	7.96	146	288757	34.392	ng		98
15) Benzyl Alcohol	7.85	79	264513	35.183	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.15	45	190103	36.774	ng		91
17) 2-Methylphenol	8.06	107	206888	37.931	ng		94
18) Hexachloroethane	8.69	117	113067	31.473	ng		97
19) n-Nitroso-di-n-propylamine	8.42	70	223156	35.149	ng		96
20) 3+4-Methylphenols	8.38	107	279271	38.264	ng		93
22) Acetophenone	8.43	105	389277	34.238	ng		96
24) Nitrobenzene	8.80	77	338806	32.643	ng		92
25) Isophorone	9.33	82	540165	35.965	ng		99
26) 2-Nitrophenol	9.50	139	125204	38.648	ng		91
27) 2,4-Dimethylphenol	9.57	122	213569	42.459	ng		93
28) bis(2-Chloroethoxy)methane	9.81	93	317920	34.688	ng		96
29) 2,4-Dichlorophenol	10.04	162	249702	35.596	ng		99
30) 1,2,4-Trichlorobenzene	10.25	180	294296	31.957	ng		98
31) Naphthalene	10.43	128	752892	35.113	ng		98
32) Benzoic acid	9.69	122	97587	25.780	ng		93
33) 4-Chloroaniline	10.54	127	165579	18.692	ng		96
34) Hexachlorobutadiene	10.73	225	187963	30.314	ng		99
35) Caprolactam	11.30	113	67265	35.372	ng		94
36) 4-Chloro-3-methylphenol	11.67	107	247884	34.184	ng		95
37) 2-Methylnaphthalene	12.05	142	551962	33.992	ng		97
38) 1-Methylnaphthalene	12.27	142	523322	33.489	ng	#	100
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	331513	36.179	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	376478	74.331 ng		99
43) 2,4,6-Trichlorophenol	12.67	196	204551	36.153 ng		98
44) 2,4,5-Trichlorophenol	12.75	196	217150	36.192 ng		96
46) 1,1'-Biphenyl	13.08	154	719992	36.921 ng		100
47) 2-Chloronaphthalene	13.12	162	562134	33.809 ng		98
48) 2-Nitroaniline	13.32	65	174804	32.942 ng		92
49) Acenaphthylene	13.97	152	884285	38.243 ng		99
50) Dimethylphthalate	13.72	163	938892	44.447 ng		100
51) 2,6-Dinitrotoluene	13.82	165	149844	35.674 ng		94
52) Acenaphthene	14.32	154	531642	36.219 ng		99
53) 3-Nitroaniline	14.15	138	107816	26.615 ng		97
54) 2,4-Dinitrophenol	14.36	184	138661	63.229 ng		91
55) Dibenzofuran	14.65	168	862097	35.257 ng		96
56) 4-Nitrophenol	14.47	139	252721	78.175 ng		89
57) 2,4-Dinitrotoluene	14.62	165	204349	35.018 ng		93
58) Fluorene	15.30	166	689236	34.143 ng		98
59) 2,3,4,6-Tetrachlorophenol	14.88	232	197740	33.645 ng		98
60) Diethylphthalate	15.09	149	666388	31.799 ng		100
61) 4-Chlorophenyl-phenylether	15.30	204	363180	31.324 ng		97
62) 4-Nitroaniline	15.32	138	143971	31.671 ng	#	85
63) Azobenzene	15.59	77	691165	32.147 ng		98
65) 4,6-Dinitro-2-methylphenol	15.39	198	104513	38.117 ng		99
66) n-Nitrosodiphenylamine	15.52	169	587375	37.043 ng		99
67) 4-Bromophenyl-phenylether	16.20	248	227495	33.749 ng		95
68) Hexachlorobenzene	16.31	284	261232	32.634 ng		98
69) Atrazine	16.47	200	186002	30.983 ng		97
70) Pentachlorophenol	16.65	266	343864	79.419 ng		99
71) Phenanthrene	17.04	178	1514532	48.799 ng		99
72) Anthracene	17.13	178	1176602	39.657 ng		99
73) Carbazole	17.40	167	1006307	36.874 ng		99
74) Di-n-butylphthalate	17.98	149	1114884	35.371 ng		99
75) Fluoranthene	19.06	202	2139450	55.185 ng		98
77) Benzidine	19.24	184	570056	50.201 ng		100
78) Pyrene	19.42	202	2147174	53.901 ng		99
80) Butylbenzylphthalate	20.34	149	536133	36.822 ng		96
81) Benzo(a)anthracene	21.18	228	1964294	46.304 ng		99
82) 3,3'-Dichlorobenzidine	21.12	252	497010	33.619 ng		99
83) Chrysene	21.23	228	1840028	44.660 ng		99
84) Bis(2-ethylhexyl)phthalate	21.13	149	818686	39.507 ng		99
85) Di-n-octyl phthalate	22.00	149	1408266	41.191 ng		99
87) Indeno(1,2,3-cd)pyrene	25.57	276	2199841	37.814 ng		99
88) Benzo(b)fluoranthene	22.73	252	2224885	44.888 ng		99
89) Benzo(k)fluoranthene	22.77	252	1745079	35.960 ng		99
90) Benzo(a)pyrene	23.29	252	1901885	42.032 ng		98
91) Dibenzo(a,h)anthracene	25.58	278	1672595	34.544 ng		99
92) Benzo(g,h,i)perylene	26.24	276	1859674	39.867 ng		99

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

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