Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
Data File : BM027187.D
Acq On : 22 Aug 2020 01:43
Operator : JU/CG
Sample : L3746-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 359MS

Quant Time: Aug 24 10:44:41 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	124161	20.00	ng		0.00
21) Naphthalene-d8	10.38	136	436011	20.00	ng		0.00
39) Acenaphthene-d10	14.25	164	252481	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	504041	20.00	ng		0.00
76) Chrysene-d12	21.19	240	570702	20.00	ng		0.00
86) Perylene-d12	23.37	264	690087	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	767318	120.48	ng		0.00
7) Phenol-d6	6.80	99	996266	113.93	ng		0.00
23) Nitrobenzene-d5	8.76	82	781347	73.93	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	395408	96.71	ng		0.00
45) 2-Fluorobiphenyl	12.87	172	1285624	66.89	ng		0.00
79) Terphenyl-d14	19.63	244	1571988	51.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	116355	38.229	ng		97
3) Pyridine	3.59	79	293266	34.323	ng		96
4) n-Nitrosodimethylamine	3.50	42	133482	35.812	ng	#	77
6) Aniline	6.95	93	366651	36.909	ng		100
8) 2-Chlorophenol	7.19	128	321003	48.432	ng		98
9) Benzaldehyde	6.76	77	233896	39.065	ng		97
10) Phenol	6.83	94	411070	49.325	ng		91
11) bis(2-Chloroethyl)ether	7.05	93	321324	47.169	ng		97
12) 1,3-Dichlorobenzene	7.50	146	392467	42.310	ng		95
13) 1,4-Dichlorobenzene	7.65	146	400170	42.757	ng		98
14) 1,2-Dichlorobenzene	7.96	146	378041	42.589	ng		96
15) Benzyl Alcohol	7.85	79	339950	42.769	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.15	45	239244	43.775	ng		96
17) 2-Methylphenol	8.06	107	262970	45.603	ng		92
18) Hexachloroethane	8.69	117	149743	39.426	ng		98
19) n-Nitroso-di-n-propylamine	8.42	70	278125	41.435	ng		97
20) 3+4-Methylphenols	8.39	107	343823	44.558	ng		94
22) Acetophenone	8.43	105	489088	41.738	ng		96
24) Nitrobenzene	8.80	77	427855	39.998	ng		92
25) Isophorone	9.33	82	670426	43.311	ng		98
26) 2-Nitrophenol	9.50	139	165316	49.513	ng		88
27) 2,4-Dimethylphenol	9.58	122	269461	51.978	ng		96
28) bis(2-Chloroethoxy)methane	9.81	93	393918	41.702	ng		98
29) 2,4-Dichlorophenol	10.04	162	307823	42.577	ng		98
30) 1,2,4-Trichlorobenzene	10.25	180	375847	39.600	ng		99
31) Naphthalene	10.43	128	938469	42.467	ng		99
32) Benzoic acid	9.71	122	161181	38.311	ng		90
33) 4-Chloroaniline	10.54	127	165576	18.136	ng		99
34) Hexachlorobutadiene	10.73	225	247309	39.124	ng		98
35) Caprolactam	11.32	113	77434	39.510	ng		93
36) 4-Chloro-3-methylphenol	11.68	107	293525	39.276	ng		98
37) 2-Methylnaphthalene	12.05	142	680374	40.655	ng		97
38) 1-Methylnaphthalene	12.27	142	635833	39.480	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	417706	46.977	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	498362	101.399 ng	98
43) 2,4,6-Trichlorophenol	12.67	196	246853	44.961 ng	98
44) 2,4,5-Trichlorophenol	12.75	196	261890	44.982 ng	97
46) 1,1'-Biphenyl	13.08	154	867881	45.862 ng	100
47) 2-Chloronaphthalene	13.12	162	683500	42.363 ng	98
48) 2-Nitroaniline	13.32	65	206519	40.107 ng	93
49) Acenaphthylene	13.97	152	1028731	45.848 ng	99
50) Dimethylphthalate	13.72	163	954631	46.571 ng	99
51) 2,6-Dinitrotoluene	13.83	165	174516	42.816 ng	88
52) Acenaphthene	14.32	154	615235	43.193 ng	99
53) 3-Nitroaniline	14.15	138	117671	29.935 ng	97
54) 2,4-Dinitrophenol	14.36	184	121385	57.041 ng	88
55) Dibenzofuran	14.65	168	991705	41.795 ng	96
56) 4-Nitrophenol	14.47	139	285463	90.998 ng	89
57) 2,4-Dinitrotoluene	14.62	165	236846	41.826 ng	91
58) Fluorene	15.30	166	791860	40.423 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.88	232	232614	40.787 ng	98
60) Diethylphthalate	15.09	149	765088	37.623 ng	99
61) 4-Chlorophenyl-phenylether	15.30	204	431257	38.331 ng	96
62) 4-Nitroaniline	15.32	138	151660	34.380 ng	88
63) Azobenzene	15.59	77	802553	38.467 ng	98
65) 4,6-Dinitro-2-methylphenol	15.39	198	101273	40.911 ng	99
66) n-Nitrosodiphenylamine	15.52	169	679287	47.450 ng	99
67) 4-Bromophenyl-phenylether	16.19	248	263828	43.352 ng	97
68) Hexachlorobenzene	16.31	284	297924	41.223 ng	96
69) Atrazine	16.47	200	212894	39.280 ng	98
70) Pentachlorophenol	16.66	266	416720	106.606 ng	96
71) Phenanthrene	17.04	178	1237356	44.159 ng	100
72) Anthracene	17.13	178	1239222	46.263 ng	99
73) Carbazole	17.40	167	1081038	43.876 ng	99
74) Di-n-butylphthalate	17.98	149	1209839	42.515 ng	99
75) Fluoranthene	19.06	202	1574851	44.994 ng	98
77) Benzidine	19.24	184	922376	93.176 ng	100
78) Pyrene	19.42	202	1592377	45.855 ng	99
80) Butylbenzylphthalate	20.34	149	559227	44.058 ng	97
81) Benzo(a)anthracene	21.17	228	1709697	46.231 ng	99
82) 3,3'-Dichlorobenzidine	21.11	252	597926	46.395 ng	99
83) Chrysene	21.23	228	1613762	44.931 ng	100
84) Bis(2-ethylhexyl)phthalate	21.13	149	798112	44.180 ng	99
85) Di-n-octyl phthalate	22.00	149	1486098	49.862 ng	99
87) Indeno(1,2,3-cd)pyrene	25.57	276	2304857	42.674 ng	100
88) Benzo(b)fluoranthene	22.73	252	2017221	43.836 ng	100
89) Benzo(k)fluoranthene	22.77	252	1778574	39.477 ng	99
90) Benzo(a)pyrene	23.29	252	1781639	42.411 ng	100
91) Dibenzo(a,h)anthracene	25.58	278	1910329	42.496 ng	98
92) Benzo(g,h,i)perylene	26.23	276	1921145	44.360 ng	99

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

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