Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
Data File : BM027179.D
Acq On : 21 Aug 2020 20:52
Operator : JU/CG
Sample : L3720-07MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
8/24/2020 1:48:39 PM

Quant Time: Aug 24 10:55:44 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	105384	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	378829	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	239202	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	518931	20.00	ng	0.00
76) Chrysene-d12	21.19	240	617849	20.00	ng	0.00
86) Perylene-d12	23.38	264	706747	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	613940	113.57	ng	0.00
7) Phenol-d6	6.80	99	796742	107.35	ng	0.00
23) Nitrobenzene-d5	8.76	82	647869	70.56	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	357882	92.39	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	1216842	66.83	ng	0.00
79) Terphenyl-d14	19.63	244	1716517	51.90	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	81021	31.363	ng	98
3) Pyridine	3.59	79	182872	25.216	ng	97
4) n-Nitrosodimethylamine	3.49	42	102654	32.448	ng	87
6) Aniline	6.95	93	260632	30.911	ng	99
8) 2-Chlorophenol	7.18	128	226209	40.211	ng	97
9) Benzaldehyde	6.76	77	170023	33.457	ng	99
10) Phenol	6.82	94	297205	42.016	ng	92
11) bis(2-Chloroethyl)ether	7.05	93	232677	40.242	ng	97
12) 1,3-Dichlorobenzene	7.50	146	274712	34.892	ng	97
13) 1,4-Dichlorobenzene	7.65	146	284613	35.829	ng	98
14) 1,2-Dichlorobenzene	7.96	146	268619	35.654	ng	98
15) Benzyl Alcohol	7.85	79	246348	36.516	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.15	45	176281	38.002	ng	93
17) 2-Methylphenol	8.06	107	191430	39.112	ng	92
18) Hexachloroethane	8.69	117	108047	33.516	ng	97
19) n-Nitroso-di-n-propylamine	8.42	70	207139	36.358	ng	98
20) 3+4-Methylphenols	8.38	107	256961	39.235	ng	94
22) Acetophenone	8.43	105	363580	35.711	ng	96
24) Nitrobenzene	8.80	77	323279	34.784	ng	94
25) Isophorone	9.33	82	504012	37.475	ng	99
26) 2-Nitrophenol	9.50	139	113519	39.132	ng	90
27) 2,4-Dimethylphenol	9.57	122	195320	43.364	ng	97
28) bis(2-Chloroethoxy)methane	9.81	93	293422	35.752	ng	99
29) 2,4-Dichlorophenol	10.03	162	230543	36.701	ng	96
30) 1,2,4-Trichlorobenzene	10.25	180	278202	33.736	ng	99
31) Naphthalene	10.43	128	710170	36.987	ng	99
32) Benzoic acid	9.68	122	85424	25.313	ng	98
33) 4-Chloroaniline	10.54	127	167547	21.122	ng	98
34) Hexachlorobutadiene	10.73	225	179020	32.339	ng	98
35) Caprolactam	11.31	113	61863m	36.329	ng	
36) 4-Chloro-3-methylphenol	11.67	107	233081	35.895	ng	98
37) 2-Methylnaphthalene	12.05	142	527178	36.256	ng	98
38) 1-Methylnaphthalene	12.27	142	492019	35.161	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	318322	37.787	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	371272	79.734 ng	97
43) 2,4,6-Trichlorophenol	12.67	196	189414	36.414 ng	98
44) 2,4,5-Trichlorophenol	12.75	196	205548	37.264 ng	98
46) 1,1'-Biphenyl	13.08	154	685409	38.231 ng	99
47) 2-Chloronaphthalene	13.12	162	539769	35.312 ng	98
48) 2-Nitroaniline	13.32	65	163889	33.595 ng	94
49) Acenaphthylene	13.97	152	851016	40.033 ng	100
50) Dimethylphthalate	13.72	163	899964	46.341 ng	99
51) 2,6-Dinitrotoluene	13.82	165	140981	36.509 ng	98
52) Acenaphthene	14.32	154	509057	37.723 ng	98
53) 3-Nitroaniline	14.15	138	101276	27.194 ng	97
54) 2,4-Dinitrophenol	14.36	184	135144	67.032 ng	89
55) Dibenzofuran	14.65	168	832983	37.054 ng	97
56) 4-Nitrophenol	14.47	139	237008	79.746 ng	91
57) 2,4-Dinitrotoluene	14.62	165	191567	35.708 ng	94
58) Fluorene	15.30	166	677039	36.481 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.88	232	189895	35.145 ng	99
60) Diethylphthalate	15.09	149	646947	33.580 ng	99
61) 4-Chlorophenyl-phenylether	15.30	204	352883	33.106 ng	97
62) 4-Nitroaniline	15.32	138	137314	32.856 ng	91
63) Azobenzene	15.59	77	681203	34.463 ng	98
65) 4,6-Dinitro-2-methylphenol	15.39	198	101104	39.671 ng	97
66) n-Nitrosodiphenylamine	15.52	169	569086	38.612 ng	100
67) 4-Bromophenyl-phenylether	16.20	248	219673	35.061 ng	96
68) Hexachlorobenzene	16.31	284	252479	33.933 ng	98
69) Atrazine	16.47	200	180196	32.293 ng	99
70) Pentachlorophenol	16.65	266	333361	82.834 ng	98
71) Phenanthrene	17.04	178	1481042	51.340 ng	100
72) Anthracene	17.13	178	1142551	41.430 ng	99
73) Carbazole	17.40	167	985515	38.851 ng	99
74) Di-n-butylphthalate	17.98	149	1095769	37.401 ng	99
75) Fluoranthene	19.06	202	2092645	58.072 ng	98
77) Benzidine	19.24	184	539305	50.322 ng	99
78) Pyrene	19.42	202	2114907	56.254 ng	99
80) Butylbenzylphthalate	20.34	149	527403	38.380 ng	99
81) Benzo(a)anthracene	21.18	228	1956716	48.873 ng	99
82) 3,3'-Dichlorobenzidine	21.11	252	497821	35.680 ng	98
83) Chrysene	21.23	228	1814719	46.670 ng	100
84) Bis(2-ethylhexyl)phthalate	21.13	149	813236	41.582 ng	100
85) Di-n-octyl phthalate	22.00	149	1395666	43.254 ng	99
87) Indeno(1,2,3-cd)pyrene	25.57	276	2234859	40.402 ng	99
88) Benzo(b)fluoranthene	22.73	252	2137223	45.349 ng	100
89) Benzo(k)fluoranthene	22.77	252	1852747	40.153 ng	99
90) Benzo(a)pyrene	23.29	252	1925038	44.744 ng	99
91) Dibenzo(a,h)anthracene	25.58	278	1674900	36.381 ng	98
92) Benzo(g,h,i)perylene	26.23	276	1870909	42.182 ng	99

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

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