Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
Data File : BM027171.D
Acq On : 21 Aug 2020 15:21
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ICVBM082120

Quant Time: Aug 24 10:42:12 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	108248	20.00	ng		0.00
21) Naphthalene-d8	10.39	136	407974	20.00	ng		0.00
39) Acenaphthene-d10	14.25	164	290256	20.00	ng		0.00
64) Phenanthrene-d10	17.00	188	681687	20.00	ng		0.00
76) Chrysene-d12	21.20	240	778076	20.00	ng		0.00
86) Perylene-d12	23.39	264	765919	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	459436	82.74	ng		0.00
7) Phenol-d6	6.80	99	644324	84.51	ng		0.00
23) Nitrobenzene-d5	8.76	82	720774	72.89	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	355718	75.68	ng		0.00
45) 2-Fluorobiphenyl	12.87	172	1584997	71.73	ng		0.00
79) Terphenyl-d14	19.64	244	3165551	76.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	99358	37.443	ng		98
3) Pyridine	3.59	79	303833	40.787	ng		96
4) n-Nitrosodimethylamine	3.50	42	113854	35.036	ng		87
6) Aniline	6.95	93	356786	41.195	ng		100
8) 2-Chlorophenol	7.19	128	231883	40.129	ng		96
9) Benzaldehyde	6.76	77	212621	40.732	ng		99
10) Phenol	6.82	94	299247	41.186	ng		94
11) bis(2-Chloroethyl)ether	7.05	93	243534	41.005	ng		92
12) 1,3-Dichlorobenzene	7.50	146	304569	37.661	ng		97
13) 1,4-Dichlorobenzene	7.65	146	306976	37.622	ng		99
14) 1,2-Dichlorobenzene	7.96	146	290725	37.567	ng		98
15) Benzyl Alcohol	7.85	79	273301	39.439	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.15	45	191709	40.234	ng		96
17) 2-Methylphenol	8.06	107	200508	39.883	ng		96
18) Hexachloroethane	8.69	117	120902	36.512	ng		97
19) n-Nitroso-di-n-propylamine	8.42	70	234637	40.095	ng		97
20) 3+4-Methylphenols	8.39	107	276915	41.163	ng		96
22) Acetophenone	8.43	105	412137	37.588	ng	#	96
24) Nitrobenzene	8.80	77	356717	35.639	ng		96
25) Isophorone	9.33	82	561551	38.770	ng		98
26) 2-Nitrophenol	9.50	139	125381	40.133	ng		94
27) 2,4-Dimethylphenol	9.57	122	189053	38.974	ng		99
28) bis(2-Chloroethoxy)methane	9.81	93	343520	38.866	ng		99
29) 2,4-Dichlorophenol	10.04	162	254993	37.693	ng		98
30) 1,2,4-Trichlorobenzene	10.25	180	314411	35.403	ng		99
31) Naphthalene	10.43	128	768691	37.174	ng		99
32) Benzoic acid	9.71	122	156383	39.541	ng		97
33) 4-Chloroaniline	10.55	127	332317	38.901	ng		98
34) Hexachlorobutadiene	10.73	225	214158	36.094	ng		98
35) Caprolactam	11.32	113	79638	43.427	ng		97
36) 4-Chloro-3-methylphenol	11.67	107	276538	39.545	ng		100
37) 2-Methylnaphthalene	12.06	142	587554	37.521	ng		98
38) 1-Methylnaphthalene	12.27	142	561843	37.283	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	361688	35.383	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	203188	35.961 ng	94
43) 2,4,6-Trichlorophenol	12.67	196	237070	37.559 ng	98
44) 2,4,5-Trichlorophenol	12.74	196	245498	36.678 ng	99
46) 1,1'-Biphenyl	13.08	154	789083	36.272 ng	99
47) 2-Chloronaphthalene	13.12	162	666882	35.954 ng	98
48) 2-Nitroaniline	13.32	65	230461	38.932 ng	96
49) Acenaphthylene	13.97	152	988064	38.305 ng	99
50) Dimethylphthalate	13.72	163	868467	36.854 ng	99
51) 2,6-Dinitrotoluene	13.83	165	185183	39.521 ng	94
52) Acenaphthene	14.32	154	614097	37.502 ng	98
53) 3-Nitroaniline	14.15	138	188700	41.756 ng	99
54) 2,4-Dinitrophenol	14.36	184	98657	40.327 ng	96
55) Dibenzofuran	14.65	168	1010425	37.042 ng	97
56) 4-Nitrophenol	14.47	139	152132	42.184 ng	89
57) 2,4-Dinitrotoluene	14.62	165	263467	40.472 ng	92
58) Fluorene	15.30	166	854209	37.931 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.89	232	244502	37.292 ng	99
60) Diethylphthalate	15.09	149	876029	37.472 ng	99
61) 4-Chlorophenyl-phenylether	15.30	204	470989	36.415 ng	99
62) 4-Nitroaniline	15.32	138	212653	41.933 ng	90
63) Azobenzene	15.60	77	886410	36.957 ng	99
65) 4,6-Dinitro-2-methylphenol	15.39	198	133754	39.951 ng	92
66) n-Nitrosodiphenylamine	15.52	169	733327	37.876 ng	99
67) 4-Bromophenyl-phenylether	16.20	248	303832	36.915 ng	95
68) Hexachlorobenzene	16.32	284	357250	36.550 ng	96
69) Atrazine	16.47	200	275683	37.609 ng	100
70) Pentachlorophenol	16.66	266	206112	38.987 ng	99
71) Phenanthrene	17.04	178	1415851	37.362 ng	99
72) Anthracene	17.13	178	1380596	38.109 ng	99
73) Carbazole	17.40	167	1283787	38.527 ng	99
74) Di-n-butylphthalate	17.98	149	1521175	39.525 ng	100
75) Fluoranthene	19.06	202	1771667	37.426 ng	99
77) Benzidine	19.25	184	661645	49.024 ng	99
78) Pyrene	19.43	202	1833527	38.727 ng	99
80) Butylbenzylphthalate	20.35	149	713667	41.240 ng	95
81) Benzo(a)anthracene	21.19	228	1901309	37.710 ng	100
82) 3,3'-Dichlorobenzidine	21.12	252	696789	39.656 ng	100
83) Chrysene	21.24	228	1821288	37.194 ng	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	1014507	41.191 ng	99
85) Di-n-octyl phthalate	22.01	149	1679992	41.344 ng	99
87) Indeno(1,2,3-cd)pyrene	25.58	276	2149350	35.855 ng	100
88) Benzo(b)fluoranthene	22.74	252	1980505	38.777 ng	100
89) Benzo(k)fluoranthene	22.79	252	1854793	37.092 ng	99
90) Benzo(a)pyrene	23.30	252	1771617	37.997 ng	99
91) Dibenzo(a,h)anthracene	25.59	278	1787093	35.819 ng	98
92) Benzo(g,h,i)perylene	26.24	276	1705281	35.477 ng	99

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

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