Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012420\
Data File : BM024616.D
Acq On : 24 Jan 2020 11:55
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/28/2020 8:13:06 AM

Quant Time: Jan 24 16:55:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	227216	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	957459	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	672995	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1551386	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1609831	20.00	ng	0.00
87) Perylene-d12	23.16	264	1724547	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	922285	77.19	ng	0.00
7) Phenol-d6	6.64	99	1276288	77.54	ng	0.00
23) Nitrobenzene-d5	8.59	82	1447711	74.15	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	784888	71.70	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	3586826	72.46	ng	0.00
79) Terphenyl-d14	19.50	244	6754099	78.33	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	177668	37.592	ng	100
3) Pyridine	3.45	79	555421	40.539	ng	100
4) n-Nitrosodimethylamine	3.37	42	228727	37.611	ng	95
6) Aniline	6.78	93	782969	39.078	ng	97
8) 2-Chlorophenol	7.02	128	527827	38.808	ng	98
9) Benzaldehyde	6.60	77	367576	37.797	ng	99
10) Phenol	6.66	94	633192	38.594	ng	99
11) bis(2-Chloroethyl)ether	6.89	93	511935	38.978	ng	99
12) 1,3-Dichlorobenzene	7.33	146	636349	38.085	ng	98
13) 1,4-Dichlorobenzene	7.47	146	647739	38.212	ng	99
14) 1,2-Dichlorobenzene	7.79	146	618993	37.831	ng	99
15) Benzyl Alcohol	7.69	79	529772	39.040	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.98	45	477078	39.678	ng	97
17) 2-Methylphenol	7.89	107	450089	38.930	ng	98
18) Hexachloroethane	8.50	117	247194	37.765	ng	95
19) n-Nitroso-di-n-propylamine	8.25	70	476490	38.559	ng	97
20) 3+4-Methylphenols	8.22	107	618573	38.651	ng	99
22) Acetophenone	8.26	105	911039	36.901	ng	99
24) Nitrobenzene	8.62	77	697282	37.269	ng	98
25) Isophorone	9.15	82	1247202	37.597	ng	99
26) 2-Nitrophenol	9.33	139	319544	36.885	ng	99
27) 2,4-Dimethylphenol	9.40	122	432552	36.743	ng	98
28) bis(2-Chloroethoxy)methane	9.64	93	767813	37.889	ng	98
29) 2,4-Dichlorophenol	9.86	162	585550	36.815	ng	100
30) 1,2,4-Trichlorobenzene	10.07	180	692992	36.127	ng	99
31) Naphthalene	10.25	128	1784309	36.897	ng	100
32) Benzoic acid	9.56	122	412926m	38.344	ng	
33) 4-Chloroaniline	10.36	127	792323	37.379	ng	98
34) Hexachlorobutadiene	10.56	225	474562	35.788	ng	99
35) Caprolactam	11.15	113	196913m	38.589	ng	
36) 4-Chloro-3-methylphenol	11.51	107	631288	37.327	ng	96
37) 2-Methylnaphthalene	11.87	142	1360177	36.447	ng	99
38) 1-Methylnaphthalene	12.10	142	1295739	36.500	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	869973	36.220	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	494488	36.729 ng	99
43) 2,4,6-Trichlorophenol	12.50	196	558996	36.572 ng	97
44) 2,4,5-Trichlorophenol	12.57	196	577275	36.981 ng	98
46) 1,1'-Biphenyl	12.92	154	1868168	36.681 ng	99
47) 2-Chloronaphthalene	12.95	162	1514655	36.838 ng	99
48) 2-Nitroaniline	13.16	65	477636	38.088 ng	96
49) Acenaphthylene	13.81	152	2255810	36.649 ng	99
50) Dimethylphthalate	13.57	163	2009148	36.919 ng	100
51) 2,6-Dinitrotoluene	13.67	165	430165	37.179 ng	98
52) Acenaphthene	14.16	154	1396721	36.569 ng	99
53) 3-Nitroaniline	14.00	138	448020	37.334 ng	100
54) 2,4-Dinitrophenol	14.21	184	251412	36.337 ng	98
55) Dibenzofuran	14.50	168	2271791	36.471 ng	98
56) 4-Nitrophenol	14.33	139	359902	38.367 ng	95
57) 2,4-Dinitrotoluene	14.47	165	613847	37.019 ng	98
58) Fluorene	15.15	166	1907396	36.437 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.73	232	572149	36.143 ng	100
60) Diethylphthalate	14.95	149	2042653	36.972 ng	99
61) 4-Chlorophenyl-phenylether	15.16	204	1081054	35.820 ng	100
62) 4-Nitroaniline	15.17	138	498580	37.640 ng	99
63) Azobenzene	15.45	77	1748144	37.095 ng	98
65) 4,6-Dinitro-2-methylphenol	15.24	198	338990	37.163 ng	96
66) n-Nitrosodiphenylamine	15.37	169	1662347	37.303 ng	99
67) 4-Bromophenyl-phenylether	16.05	248	696286	36.091 ng	98
68) Hexachlorobenzene	16.16	284	809167	36.549 ng	98
69) Atrazine	16.34	200	638992	37.356 ng	99
70) Pentachlorophenol	16.50	266	490771	36.393 ng	98
71) Phenanthrene	16.89	178	3095439	36.846 ng	99
72) Anthracene	16.97	178	3038646	36.966 ng	100
73) Carbazole	17.25	167	2791442	37.303 ng	100
74) Di-n-butylphthalate	17.84	149	3610206	37.738 ng	100
75) Fluoranthene	18.91	202	3879669	37.001 ng	99
77) Benzidine	19.10	184	1792083	47.801 ng	99
78) Pyrene	19.27	202	3946686	37.189 ng	99
80) Butylbenzylphthalate	20.22	149	1691251	37.978 ng	99
81) Benzo(a)anthracene	21.04	228	4104685	36.737 ng	100
82) 3,3'-Dichlorobenzidine	20.98	252	1544490	38.427 ng	100
83) Chrysene	21.09	228	3935257	36.911 ng	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	2424922	36.905 ng	100
85) Di-n-octyl phthalate	21.86	149	4095007	37.722 ng	100
86) Indeno(1,2,3-cd)pyrene	25.23	276	4169413	35.880 ng	98
88) Benzo(b)fluoranthene	22.54	252	4102843	36.682 ng	100
89) Benzo(k)fluoranthene	22.59	252	4116246	37.703 ng	99
90) Benzo(a)pyrene	23.07	252	3766932	37.043 ng	100
91) Dibenzo(a,h)anthracene	25.24	278	3482493	36.081 ng	99
92) Benzo(g,h,i)perylene	25.86	276	3171217	36.184 ng	99

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

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