Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060520\
Data File : BM026278.D
Acq On : 05 Jun 2020 14:13
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
6/8/2020 12:51:53 PM

Quant Time: Jun 05 18:04:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 12:48:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	183623	20.00	ng	0.00
21) Naphthalene-d8	10.21	136	781978	20.00	ng	0.00
39) Acenaphthene-d10	14.10	164	498426	20.00	ng	0.00
64) Phenanthrene-d10	16.85	188	1079203	20.00	ng	0.00
76) Chrysene-d12	21.06	240	1039792	20.00	ng	0.00
86) Perylene-d12	23.16	264	855423	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1607029	164.49	ng	0.00
7) Phenol-d6	6.66	99	2333478	177.85	ng	0.00
23) Nitrobenzene-d5	8.60	82	2460709	190.18	ng	0.01
42) 2,4,6-Tribromophenol	15.60	330	963762	173.45	ng	0.00
45) 2-Fluorobiphenyl	12.72	172	4991704	175.28	ng	0.00
79) Terphenyl-d14	19.50	244	8094315	195.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	353326	80.67	ng	99
3) Pyridine	3.43	79	1057544m	81.51	ng	
4) n-Nitrosodimethylamine	3.35	42	520307	106.61	ng	98
6) Aniline	6.80	93	1517229	84.87	ng	98
8) 2-Chlorophenol	7.02	128	926630	83.23	ng	99
10) Phenol	6.68	94	1243977	87.57	ng	99
11) bis(2-Chloroethyl)ether	6.90	93	982697	82.97	ng	98
12) 1,3-Dichlorobenzene	7.33	146	1005525	78.83	ng	99
13) 1,4-Dichlorobenzene	7.48	146	1024624	79.80	ng	100
14) 1,2-Dichlorobenzene	7.79	146	1010895	81.67	ng	99
15) Benzyl Alcohol	7.70	79	991362	97.78	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.99	45	1781546	107.56	ng	99
17) 2-Methylphenol	7.90	107	902955	86.58	ng	99
18) Hexachloroethane	8.50	117	394994	84.99	ng	100
19) n-Nitroso-di-n-propylamine	8.27	70	897643	102.21	ng	98
20) 3+4-Methylphenols	8.24	107	1244330	87.82	ng	99
22) Acetophenone	8.27	105	1560984	89.53	ng	99
24) Nitrobenzene	8.64	77	1284849	92.83	ng	99
25) Isophorone	9.17	82	2348906	87.90	ng	100
26) 2-Nitrophenol	9.34	139	532784	82.87	ng	99
27) 2,4-Dimethylphenol	9.42	122	817243	82.04	ng	99
28) bis(2-Chloroethoxy)methane	9.65	93	1301542	82.36	ng	98
29) 2,4-Dichlorophenol	9.87	162	902792	80.14	ng	99
30) 1,2,4-Trichlorobenzene	10.08	180	962059	76.47	ng	97
31) Naphthalene	10.26	128	3026275	83.32	ng	100
32) Benzoic acid	9.65	122	705684	94.18	ng	99
33) 4-Chloroaniline	10.39	127	1348332	83.71	ng	98
34) Hexachlorobutadiene	10.55	225	612428	81.39	ng	97
35) Caprolactam	11.22	113	333727m	83.73	ng	
36) 4-Chloro-3-methylphenol	11.53	107	1100156	90.98	ng	99
37) 2-Methylnaphthalene	11.88	142	2172818	83.35	ng	99
38) 1-Methylnaphthalene	12.10	142	2056607	83.58	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	1089168	80.85	ng	99
41) Hexachlorocyclopentadiene	12.25	237	683943	96.24	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.52	196	748478	78.53	ng	98
44) 2,4,5-Trichlorophenol	12.59	196	865666	78.99	ng	98
46) 1,1'-Biphenyl	12.92	154	2674104	82.83	ng	100
47) 2-Chloronaphthalene	12.96	162	2170513	81.43	ng	100
48) 2-Nitroaniline	13.18	65	897580	108.01	ng	97
49) Acenaphthylene	13.82	152	3512597	83.17	ng	100
50) Dimethylphthalate	13.59	163	2813135	83.07	ng	100
51) 2,6-Dinitrotoluene	13.69	165	627892	84.24	ng	98
52) Acenaphthene	14.16	154	2091736	84.07	ng	99
53) 3-Nitroaniline	14.02	138	718340	85.45	ng	100
54) 2,4-Dinitrophenol	14.23	184	422326	103.13	ng	98
55) Dibenzofuran	14.50	168	3372325	84.05	ng	100
56) 4-Nitrophenol	14.35	139	583285	87.43	ng	100
57) 2,4-Dinitrotoluene	14.49	165	899438	88.81	ng	98
58) Fluorene	15.16	166	2756563	90.65	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.74	232	738811	83.30	ng	100
60) Diethylphthalate	14.96	149	2898928	86.63	ng	100
61) 4-Chlorophenyl-phenylether	15.16	204	1459107	89.70	ng	100
62) 4-Nitroaniline	15.20	138	785714	97.82	ng	95
63) Azobenzene	15.46	77	3159287	96.77	ng	98
65) 4,6-Dinitro-2-methylphenol	15.26	198	555346	95.40	ng	91
66) n-Nitrosodiphenylamine	15.38	169	2416391	87.18	ng	99
67) 4-Bromophenyl-phenylether	16.06	248	923123	85.19	ng	97
68) Hexachlorobenzene	16.17	284	955802	82.32	ng	99
69) Atrazine	16.35	200	682072	76.98	ng	99
70) Pentachlorophenol	16.51	266	617086	90.58	ng	100
71) Phenanthrene	16.89	178	4332256	85.76	ng	99
72) Anthracene	16.99	178	4383531	87.23	ng	100
73) Carbazole	17.26	167	4190913	85.87	ng	99
74) Di-n-butylphthalate	17.84	149	5094270	89.48	ng	100
75) Fluoranthene	18.92	202	5104168	84.68	ng	98
78) Pyrene	19.28	202	5225879	82.17	ng	99
80) Butylbenzylphthalate	20.22	149	2299135	84.36	ng	94
81) Benzo(a)anthracene	21.04	228	4801600	81.51	ng	99
82) 3,3'-Dichlorobenzidine	20.98	252	1465694	66.76	ng	99
83) Chrysene	21.10	228	4528877	81.05	ng	99
84) Bis(2-ethylhexyl)phthalate	21.00	149	3311331	86.07	ng	99
85) Di-n-octyl phthalate	21.85	149	5217479	77.68	ng	98
87) Indeno(1,2,3-cd)pyrene	25.23	276	3693347	69.04	ng	100
88) Benzo(b)fluoranthene	22.54	252	3980478	86.38	ng	100
89) Benzo(k)fluoranthene	22.59	252	3912316	90.01	ng	99
90) Benzo(a)pyrene	23.07	252	3552429	82.64	ng	99
91) Dibenzo(a,h)anthracene	25.24	278	3078875	71.25	ng	99
92) Benzo(g,h,i)perylene	25.85	276	2942094	66.31	ng	99

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

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