Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061520\
Data File : BM026405.D
Acq On : 16 Jun 2020 00:52
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
6/16/2020 11:05:46 AM

Quant Time: Jun 16 01:26:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 12:22:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	99555	20.00	ng		0.00
21) Naphthalene-d8	10.16	136	416289	20.00	ng		0.00
39) Acenaphthene-d10	14.06	164	257178	20.00	ng		0.00
64) Phenanthrene-d10	16.81	188	542595	20.00	ng		0.00
76) Chrysene-d12	21.02	240	569467	20.00	ng		0.00
86) Perylene-d12	23.10	264	592441	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.04	112	465988	82.76	ng		0.00
7) Phenol-d6	6.61	99	655016	80.33	ng		0.00
23) Nitrobenzene-d5	8.55	82	677937	79.96	ng		0.00
42) 2,4,6-Tribromophenol	15.56	330	250341	80.36	ng		0.00
45) 2-Fluorobiphenyl	12.67	172	1374042	81.10	ng		0.00
79) Terphenyl-d14	19.46	244	2182938	74.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.02	88	104403	41.125	ng		98
3) Pyridine	3.40	79	303126	40.652	ng		97
4) n-Nitrosodimethylamine	3.32	42	144324	39.092	ng		95
6) Aniline	6.75	93	417650	39.051	ng		96
8) 2-Chlorophenol	6.97	128	261259	40.226	ng		99
9) Benzaldehyde	6.56	77	177900	34.217	ng		100
10) Phenol	6.63	94	349460	40.245	ng		98
11) bis(2-Chloroethyl)ether	6.85	93	275346	39.368	ng		98
12) 1,3-Dichlorobenzene	7.29	146	292594	40.691	ng		99
13) 1,4-Dichlorobenzene	7.44	146	297018	40.552	ng		98
14) 1,2-Dichlorobenzene	7.75	146	287836	40.230	ng		99
15) Benzyl Alcohol	7.65	79	268910	38.838	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.93	45	499188	38.216	ng		99
17) 2-Methylphenol	7.86	107	252360	39.764	ng		99
18) Hexachloroethane	8.46	117	112463	40.544	ng		99
19) n-Nitroso-di-n-propylamine	8.22	70	246558	38.805	ng		99
20) 3+4-Methylphenols	8.19	107	344788	39.860	ng		98
22) Acetophenone	8.22	105	430055	40.176	ng	#	97
24) Nitrobenzene	8.59	77	351888	39.647	ng		99
25) Isophorone	9.12	82	633824	39.792	ng		100
26) 2-Nitrophenol	9.29	139	145780	41.503	ng		95
27) 2,4-Dimethylphenol	9.37	122	224747	40.530	ng		97
28) bis(2-Chloroethoxy)methane	9.60	93	349582	38.684	ng		100
29) 2,4-Dichlorophenol	9.83	162	246963	40.592	ng		98
30) 1,2,4-Trichlorobenzene	10.03	180	269343	40.372	ng		99
31) Naphthalene	10.21	128	831419	39.633	ng		99
32) Benzoic acid	9.54	122	160474	37.281	ng		96
33) 4-Chloroaniline	10.33	127	358900	39.225	ng		99
34) Hexachlorobutadiene	10.50	225	173760	41.256	ng		97
35) Caprolactam	11.13	113	84585m	39.572	ng		
36) 4-Chloro-3-methylphenol	11.48	107	291295	39.292	ng		98
37) 2-Methylnaphthalene	11.83	142	584969	39.131	ng		99
38) 1-Methylnaphthalene	12.06	142	551096	38.916	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.22	216	302253	41.287	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.20	237	144915	33.591 ng	98
43) 2,4,6-Trichlorophenol	12.47	196	201847	40.735 ng	99
44) 2,4,5-Trichlorophenol	12.55	196	231387	40.229 ng	98
46) 1,1'-Biphenyl	12.88	154	719149	39.885 ng	99
47) 2-Chloronaphthalene	12.92	162	585915	40.007 ng	98
48) 2-Nitroaniline	13.13	65	227161	39.137 ng	96
49) Acenaphthylene	13.77	152	927065	39.577 ng	99
50) Dimethylphthalate	13.53	163	739557	39.316 ng	98
51) 2,6-Dinitrotoluene	13.65	165	164855	39.939 ng	96
52) Acenaphthene	14.12	154	555343	39.492 ng	98
53) 3-Nitroaniline	13.98	138	179499	39.052 ng	95
54) 2,4-Dinitrophenol	14.19	184	87910	35.042 ng	95
55) Dibenzofuran	14.46	168	886690	39.134 ng	100
56) 4-Nitrophenol	14.31	139	136160	37.355 ng	98
57) 2,4-Dinitrotoluene	14.44	165	229911	40.059 ng	99
58) Fluorene	15.12	166	720916	39.173 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.70	232	194058	39.446 ng	100
60) Diethylphthalate	14.92	149	746148	38.943 ng	99
61) 4-Chlorophenyl-phenylether	15.12	204	385251	39.466 ng	98
62) 4-Nitroaniline	15.15	138	188786	38.513 ng	99
63) Azobenzene	15.42	77	812719	38.769 ng	98
65) 4,6-Dinitro-2-methylphenol	15.22	198	124263	37.661 ng	96
66) n-Nitrosodiphenylamine	15.34	169	621590	39.545 ng	99
67) 4-Bromophenyl-phenylether	16.02	248	239221	40.050 ng	98
68) Hexachlorobenzene	16.13	284	252691	40.542 ng	96
69) Atrazine	16.30	200	193652	41.238 ng	98
70) Pentachlorophenol	16.47	266	143847	38.325 ng	99
71) Phenanthrene	16.85	178	1114809	39.454 ng	100
72) Anthracene	16.94	178	1119309	39.691 ng	100
73) Carbazole	17.22	167	1070293	40.022 ng	99
74) Di-n-butylphthalate	17.80	149	1283220	40.688 ng	99
75) Fluoranthene	18.88	202	1309671	40.428 ng	99
77) Benzidine	19.08	184	468758	39.629 ng	98
78) Pyrene	19.24	202	1363875	36.248 ng	100
80) Butylbenzylphthalate	20.17	149	591662	38.885 ng	100
81) Benzo(a)anthracene	21.00	228	1334768	39.049 ng	99
82) 3,3'-Dichlorobenzidine	20.94	252	481229	45.504 ng	99
83) Chrysene	21.06	228	1299718	39.900 ng	100
84) Bis(2-ethylhexyl)phthalate	20.97	149	893317	41.175 ng	99
85) Di-n-octyl phthalate	21.81	149	1499091	44.791 ng	99
87) Indeno(1,2,3-cd)pyrene	25.16	276	1545476	45.096 ng	100
88) Benzo(b)fluoranthene	22.50	252	1345911	37.765 ng	99
89) Benzo(k)fluoranthene	22.54	252	1323651	38.230 ng	99
90) Benzo(a)pyrene	23.02	252	1245698	39.355 ng	99
91) Dibenzo(a,h)anthracene	25.16	278	1289948	45.086 ng	100
92) Benzo(g,h,i)perylene	25.77	276	1249823	45.906 ng	100

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

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