Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012320\
Data File : BM024606.D
Acq On : 23 Jan 2020 14:09
Operator : CG/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 23 14:57:50 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 12:41:27 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
mohammad
1/24/2020 1:55:01 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	262669	20.00	ng		0.00
21) Naphthalene-d8	10.21	136	1022448	20.00	ng		0.00
39) Acenaphthene-d10	14.10	164	721095	20.00	ng		0.00
64) Phenanthrene-d10	16.84	188	1668366	20.00	ng		0.00
76) Chrysene-d12	21.06	240	1751753	20.00	ng		0.00
87) Perylene-d12	23.17	264	1813329	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	2599409	176.31	ng		0.00
7) Phenol-d6	6.66	99	3683327	187.90	ng		0.01
23) Nitrobenzene-d5	8.60	82	4083430	192.83	ng		0.01
42) 2,4,6-Tribromophenol	15.60	330	2381123	240.10	ng		0.01
45) 2-Fluorobiphenyl	12.72	172	10414777	193.35	ng		0.00
79) Terphenyl-d14	19.50	244	14687443	175.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	494803	78.184	ng		99
3) Pyridine	3.45	79	1456672	79.553	ng		99
4) n-Nitrosodimethylamine	3.37	42	660238	67.584	ng		96
6) Aniline	6.79	93	2199072	89.859	ng		99
8) 2-Chlorophenol	7.02	128	1477392	89.334	ng		98
10) Phenol	6.68	94	1817463	90.535	ng		99
11) bis(2-Chloroethyl)ether	6.90	93	1414675	88.348	ng		99
12) 1,3-Dichlorobenzene	7.34	146	1763876	85.726	ng		99
13) 1,4-Dichlorobenzene	7.48	146	1799233	86.509	ng		99
14) 1,2-Dichlorobenzene	7.79	146	1749103	86.873	ng		99
15) Benzyl Alcohol	7.70	79	1523984	98.983	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.99	45	1275932	60.966	ng		100
17) 2-Methylphenol	7.90	107	1264072	92.102	ng		98
18) Hexachloroethane	8.51	117	686694	89.151	ng		98
19) n-Nitroso-di-n-propylamine	8.27	70	1342730	95.300	ng		97
20) 3+4-Methylphenols	8.24	107	1768932	94.354	ng		95
22) Acetophenone	8.26	105	2614024	91.468	ng	#	98
24) Nitrobenzene	8.63	77	1941513	93.567	ng		99
25) Isophorone	9.17	82	3485170	98.237	ng		99
26) 2-Nitrophenol	9.33	139	949921	130.782	ng		99
27) 2,4-Dimethylphenol	9.42	122	1252420	100.043	ng		98
28) bis(2-Chloroethoxy)methane	9.65	93	2114701	97.148	ng		99
29) 2,4-Dichlorophenol	9.87	162	1692775	103.000	ng		99
30) 1,2,4-Trichlorobenzene	10.08	180	2003454	100.038	ng		99
31) Naphthalene	10.26	128	5071459	91.835	ng		100
32) Benzoic acid	9.65	122	1260744m	156.627	ng		
33) 4-Chloroaniline	10.37	127	2257626	92.209	ng		99
34) Hexachlorobutadiene	10.56	225	1363974	103.124	ng		98
35) Caprolactam	11.21	113	558574m	111.491	ng		
36) 4-Chloro-3-methylphenol	11.53	107	1809303	105.011	ng		97
37) 2-Methylnaphthalene	11.88	142	3949345	97.619	ng		99
38) 1-Methylnaphthalene	12.11	142	3736046	96.930	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.27	216	2538090	100.748	ng		100
41) Hexachlorocyclopentadiene	12.25	237	1411446	101.488	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.52	196	1636892	114.077	ng	98
44) 2,4,5-Trichlorophenol	12.59	196	1673550	108.372	ng	100
46) 1,1'-Biphenyl	12.93	154	5369134	92.637	ng	99
47) 2-Chloronaphthalene	12.96	162	4338651	92.359	ng	100
48) 2-Nitroaniline	13.17	65	1358755	95.310	ng	99
49) Acenaphthylene	13.82	152	6508635	91.512	ng	99
50) Dimethylphthalate	13.58	163	5692364	95.231	ng	99
51) 2,6-Dinitrotoluene	13.69	165	1229265	96.419	ng	97
52) Acenaphthene	14.17	154	4085346	93.943	ng	100
53) 3-Nitroaniline	14.02	138	1310304	94.157	ng	98
54) 2,4-Dinitrophenol	14.22	184	832629	161.520	ng	98
55) Dibenzofuran	14.50	168	6550556	93.064	ng	99
56) 4-Nitrophenol	14.34	139	1038401	100.492	ng	99
57) 2,4-Dinitrotoluene	14.48	165	1793987	98.566	ng	100
58) Fluorene	15.16	166	5649459	95.185	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.74	232	1693699	117.902	ng	99
60) Diethylphthalate	14.96	149	5791203	93.881	ng	99
61) 4-Chlorophenyl-phenylether	15.16	204	3239872	99.875	ng	98
62) 4-Nitroaniline	15.20	138	1440791	91.531	ng	98
63) Azobenzene	15.46	77	4946405	89.471	ng	99
65) 4,6-Dinitro-2-methylphenol	15.25	198	1071300	150.099	ng	99
66) n-Nitrosodiphenylamine	15.38	169	4816070	97.616	ng	99
67) 4-Bromophenyl-phenylether	16.06	248	2071039	102.874	ng	97
68) Hexachlorobenzene	16.17	284	2368970	101.032	ng	99
69) Atrazine	16.35	200	1761011	129.515	ng	99
70) Pentachlorophenol	16.51	266	1481763	125.174	ng	99
71) Phenanthrene	16.89	178	8971667	94.271	ng	98
72) Anthracene	16.99	178	8818728	94.554	ng	99
73) Carbazole	17.26	167	8019956	91.987	ng	99
74) Di-n-butylphthalate	17.85	149	10150087	100.917	ng	99
75) Fluoranthene	18.92	202	11155584	98.082	ng	99
78) Pyrene	19.28	202	11314824	98.007	ng	97
80) Butylbenzylphthalate	20.22	149	4958328	128.882	ng	99
81) Benzo(a)anthracene	21.04	228	11676428	96.733	ng	96
82) 3,3'-Dichlorobenzidine	20.99	252	4153821	112.811	ng	99
83) Chrysene	21.10	228	11132099	97.530	ng	94
84) Bis(2-ethylhexyl)phthalate	21.02	149	7230170	113.393	ng	97
85) Di-n-octyl phthalate	21.86	149	11165919	112.943	ng	98
86) Indeno(1,2,3-cd)pyrene	25.26	276	11402833	100.646	ng	97
88) Benzo(b)fluoranthene	22.56	252	11697955	95.343	ng	99
89) Benzo(k)fluoranthene	22.60	252	11653998	98.861	ng	98
90) Benzo(a)pyrene	23.09	252	10728657	98.168	ng	99
91) Dibenzo(a,h)anthracene	25.27	278	9645382	98.995	ng	100
92) Benzo(g,h,i)perylene	25.89	276	8555093	97.174	ng	99

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

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