Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070820\
Data File : BM026676.D
Acq On : 07 Jul 2020 14:20
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
7/9/2020 10:56:18 AM

Quant Time: Jul 07 15:07:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 14:16:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	72923	20.00	ng	0.00
21) Naphthalene-d8	10.09	136	321708	20.00	ng	0.00
39) Acenaphthene-d10	13.99	164	217131	20.00	ng	0.00
64) Phenanthrene-d10	16.75	188	499290	20.00	ng	0.00
76) Chrysene-d12	20.97	240	607815	20.00	ng	0.00
86) Perylene-d12	23.04	264	647696	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.97	112	436490	98.88	ng	0.00
7) Phenol-d6	6.55	99	713346	103.91	ng	0.00
23) Nitrobenzene-d5	8.48	82	783295	103.21	ng	0.00
42) 2,4,6-Tribromophenol	15.50	330	336957	107.41	ng	0.00
45) 2-Fluorobiphenyl	12.60	172	1665997	101.66	ng	0.00
79) Terphenyl-d14	19.42	244	3213300	100.62	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.95	88	100985	47.942	ng	98
3) Pyridine	3.33	79	307294m	50.453	ng	
4) n-Nitrosodimethylamine	3.25	42	182904	52.799	ng	97
6) Aniline	6.68	93	438477	51.851	ng	97
8) 2-Chlorophenol	6.90	128	264028	51.397	ng	98
9) Benzaldehyde	6.49	77	180409	48.099	ng	99
10) Phenol	6.57	94	351146	51.653	ng	100
11) bis(2-Chloroethyl)ether	6.78	93	285366	50.597	ng	99
12) 1,3-Dichlorobenzene	7.22	146	281653	49.954	ng	96
13) 1,4-Dichlorobenzene	7.36	146	285942	49.797	ng	99
14) 1,2-Dichlorobenzene	7.67	146	286756	50.405	ng	97
15) Benzyl Alcohol	7.59	79	307749	52.566	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.87	45	582246	50.285	ng	99
17) 2-Methylphenol	7.79	107	267240	52.468	ng	98
18) Hexachloroethane	8.38	117	115599	50.934	ng	94
19) n-Nitroso-di-n-propylamine	8.15	70	296896	52.607	ng	96
20) 3+4-Methylphenols	8.12	107	373063	52.766	ng	98
22) Acetophenone	8.15	105	473229	51.596	ng	98
24) Nitrobenzene	8.52	77	405617	51.380	ng	99
25) Isophorone	9.05	82	754294	52.316	ng	99
26) 2-Nitrophenol	9.22	139	158990	53.258	ng	97
27) 2,4-Dimethylphenol	9.30	122	248863	52.391	ng	99
28) bis(2-Chloroethoxy)methane	9.53	93	410996	51.710	ng	100
29) 2,4-Dichlorophenol	9.76	162	277928	53.025	ng	99
30) 1,2,4-Trichlorobenzene	9.96	180	298585	50.866	ng	99
31) Naphthalene	10.14	128	911641	50.872	ng	99
32) Benzoic acid	9.50	122	205619	56.002	ng	97
33) 4-Chloroaniline	10.27	127	412222	52.886	ng	99
34) Hexachlorobutadiene	10.43	225	196337	50.424	ng	97
35) Caprolactam	11.07	113	103545m	56.376	ng	
36) 4-Chloro-3-methylphenol	11.42	107	351257	53.681	ng	99
37) 2-Methylnaphthalene	11.76	142	683152	51.858	ng	99
38) 1-Methylnaphthalene	11.99	142	657227	52.246	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	358015	50.426	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.13	237	181288	52.583	ng	98
43) 2,4,6-Trichlorophenol	12.40	196	245688	52.830	ng	98
44) 2,4,5-Trichlorophenol	12.48	196	281693	51.971	ng	99
46) 1,1'-Biphenyl	12.82	154	877821	50.730	ng	99
47) 2-Chloronaphthalene	12.85	162	708218	50.952	ng	100
48) 2-Nitroaniline	13.07	65	310513	54.718	ng	98
49) Acenaphthylene	13.71	152	1140737	51.389	ng	100
50) Dimethylphthalate	13.48	163	952599	51.842	ng	100
51) 2,6-Dinitrotoluene	13.59	165	210243	52.997	ng	100
52) Acenaphthene	14.06	154	686126	50.957	ng	98
53) 3-Nitroaniline	13.92	138	228613	55.162	ng	99
54) 2,4-Dinitrophenol	14.14	184	129753	54.447	ng	97
55) Dibenzofuran	14.40	168	1130944	51.538	ng	100
56) 4-Nitrophenol	14.26	139	177815	55.281	ng	98
57) 2,4-Dinitrotoluene	14.40	165	309786	54.940	ng	99
58) Fluorene	15.06	166	948555	52.362	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.64	232	250547	53.206	ng	99
60) Diethylphthalate	14.86	149	1020521	52.750	ng	100
61) 4-Chlorophenyl-phenylether	15.06	204	508667	51.746	ng	100
62) 4-Nitroaniline	15.10	138	241695m	57.752	ng	
63) Azobenzene	15.36	77	1122843	52.942	ng	99
65) 4,6-Dinitro-2-methylphenol	15.17	198	181150	51.925	ng	96
66) n-Nitrosodiphenylamine	15.29	169	822875	51.158	ng	98
67) 4-Bromophenyl-phenylether	15.96	248	318447	51.140	ng	99
68) Hexachlorobenzene	16.07	284	335484	51.453	ng	94
69) Atrazine	16.26	200	243491	50.937	ng	98
70) Pentachlorophenol	16.42	266	198164	52.569	ng	97
71) Phenanthrene	16.80	178	1515352	51.341	ng	100
72) Anthracene	16.89	178	1520891	51.735	ng	99
73) Carbazole	17.17	167	1461959	52.663	ng	100
74) Di-n-butylphthalate	17.75	149	1888047	54.379	ng	100
75) Fluoranthene	18.83	202	1894404	53.096	ng	99
77) Benzidine	19.03	184	631184	56.206	ng	99
78) Pyrene	19.19	202	1975683	49.734	ng	100
80) Butylbenzylphthalate	20.13	149	937749	53.497	ng	93
81) Benzo(a)anthracene	20.96	228	2109979	51.504	ng	100
82) 3,3'-Dichlorobenzidine	20.90	252	695113	54.378	ng	99
83) Chrysene	21.01	228	2039513	51.537	ng	100
84) Bis(2-ethylhexyl)phthalate	20.92	149	1482484	54.520	ng	99
85) Di-n-octyl phthalate	21.77	149	2553241	56.504	ng	100
87) Indeno(1,2,3-cd)pyrene	25.06	276	2408955	56.005	ng	100
88) Benzo(b)fluoranthene	22.44	252	2200092	49.937	ng	99
89) Benzo(k)fluoranthene	22.49	252	2121759	49.154	ng	98
90) Benzo(a)pyrene	22.96	252	2031009	51.148	ng	100
91) Dibenzo(a,h)anthracene	25.07	278	2036973	56.045	ng	100
92) Benzo(g,h,i)perylene	25.67	276	1850742	55.295	ng	100

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

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