Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062920\
Data File : BP002563.D
Acq On : 29 Jun 2020 10:17
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
mohammad
6/30/2020 4:15:42 PM

Quant Time: Jun 29 16:32:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:15:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	92092	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	384978	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	260073	20.00	ng		0.00
64) Phenanthrene-d10	16.98	188	585528	20.00	ng		0.00
76) Chrysene-d12	21.09	240	621629	20.00	ng		0.00
86) Perylene-d12	23.29	264	641683	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	111446	20.49	ng		0.00
7) Phenol-d6	6.76	99	156347	20.59	ng		0.00
23) Nitrobenzene-d5	8.72	82	143865	19.25	ng		0.00
42) 2,4,6-Tribromophenol	15.72	330	64291	20.32	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	363914	20.60	ng		0.00
79) Terphenyl-d14	19.57	244	594325	20.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	23731	10.180	ng		99
3) Pyridine	3.53	79	67482	10.098	ng		97
4) n-Nitrosodimethylamine	3.45	42	29326	9.999	ng	#	95
6) Aniline	6.90	93	95242	9.986	ng		98
8) 2-Chlorophenol	7.14	128	60623	10.034	ng		98
9) Benzaldehyde	6.72	77	49250m	12.489	ng		
10) Phenol	6.79	94	77547	10.129	ng		99
11) bis(2-Chloroethyl)ether	7.00	93	63315	10.076	ng		98
12) 1,3-Dichlorobenzene	7.46	146	71044	10.190	ng		99
13) 1,4-Dichlorobenzene	7.61	146	73820	10.393	ng		98
14) 1,2-Dichlorobenzene	7.92	146	70875	10.366	ng		97
15) Benzyl Alcohol	7.82	79	55882	9.796	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.10	45	89255	10.195	ng		99
17) 2-Methylphenol	8.03	107	57270	9.994	ng		97
18) Hexachloroethane	8.64	117	25315	9.875	ng		98
19) n-Nitroso-di-n-propylamine	8.38	70	52455	10.531	ng		99
20) 3+4-Methylphenols	8.35	107	77043	9.972	ng		97
22) Acetophenone	8.39	105	98842	10.144	ng	#	98
24) Nitrobenzene	8.76	77	76735	9.703	ng		97
25) Isophorone	9.28	82	149061	9.954	ng		98
26) 2-Nitrophenol	9.47	139	33906	9.401	ng		96
27) 2,4-Dimethylphenol	9.55	122	54158	9.909	ng		97
28) bis(2-Chloroethoxy)methane	9.78	93	85439	9.932	ng		98
29) 2,4-Dichlorophenol	10.01	162	61175	9.712	ng		97
30) 1,2,4-Trichlorobenzene	10.22	180	69238	9.764	ng		95
31) Naphthalene	10.39	128	203460	9.983	ng		99
32) Benzoic acid	9.65	122	20241m	5.405	ng		
33) 4-Chloroaniline	10.51	127	88359	9.912	ng		97
34) Hexachlorobutadiene	10.69	225	43292	9.974	ng		96
35) Caprolactam	11.26	113	20712	9.782	ng		98
36) 4-Chloro-3-methylphenol	11.66	107	68941	9.986	ng		96
37) 2-Methylnaphthalene	12.02	142	150360	10.119	ng		99
38) 1-Methylnaphthalene	12.24	142	144236	10.306	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	77018	9.484	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	24229	7.087	ng	90
43) 2,4,6-Trichlorophenol	12.65	196	51578	9.387	ng	99
44) 2,4,5-Trichlorophenol	12.72	196	58542	9.255	ng	96
46) 1,1'-Biphenyl	13.05	154	196374	9.982	ng	99
47) 2-Chloronaphthalene	13.09	162	157784	9.853	ng	97
48) 2-Nitroaniline	13.29	65	47162	9.232	ng	97
49) Acenaphthylene	13.94	152	249275	9.891	ng	99
50) Dimethylphthalate	13.69	163	203394	9.957	ng	98
51) 2,6-Dinitrotoluene	13.80	165	42291	9.586	ng	96
52) Acenaphthene	14.29	154	149171	10.032	ng	97
53) 3-Nitroaniline	14.13	138	44406	9.244	ng	100
54) 2,4-Dinitrophenol	14.35	184	13720	5.889	ng	93
55) Dibenzofuran	14.63	168	246517	10.230	ng	99
56) 4-Nitrophenol	14.47	139	28209	8.400	ng	91
57) 2,4-Dinitrotoluene	14.60	165	55470	9.347	ng	99
58) Fluorene	15.28	166	193686	10.554	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.86	232	47238	9.245	ng	99
60) Diethylphthalate	15.07	149	205637	10.124	ng	98
61) 4-Chlorophenyl-phenylether	15.28	204	102822	10.447	ng	97
62) 4-Nitroaniline	15.30	138	43624	9.086	ng	97
63) Azobenzene	15.57	77	195042	9.931	ng	99
65) 4,6-Dinitro-2-methylphenol	15.37	198	25835	7.691	ng	89
66) n-Nitrosodiphenylamine	15.49	169	173859	10.171	ng	99
67) 4-Bromophenyl-phenylether	16.18	248	65700	9.985	ng	97
68) Hexachlorobenzene	16.29	284	70538	10.007	ng	97
69) Atrazine	16.46	200	59728	10.890	ng	98
70) Pentachlorophenol	16.65	266	27955	7.977	ng	99
71) Phenanthrene	17.02	178	318266	10.102	ng	100
72) Anthracene	17.12	178	316396	10.093	ng	99
73) Carbazole	17.39	167	304425	10.048	ng	100
74) Di-n-butylphthalate	17.97	149	358000	10.033	ng	100
75) Fluoranthene	19.01	202	392896	10.303	ng	99
77) Benzidine	19.19	184	140227	8.837	ng	100
78) Pyrene	19.36	202	400342	9.462	ng	100
80) Butylbenzylphthalate	20.26	149	172458	9.336	ng	96
81) Benzo(a)anthracene	21.07	228	400207	9.848	ng	99
82) 3,3'-Dichlorobenzidine	21.01	252	145510	9.780	ng	98
83) Chrysene	21.12	228	385392	9.889	ng	98
84) Bis(2-ethylhexyl)phthalate	21.03	149	256900	9.685	ng	100
85) Di-n-octyl phthalate	21.89	149	447422	9.550	ng	100
87) Indeno(1,2,3-cd)pyrene	25.50	276	442566	9.579	ng	99
88) Benzo(b)fluoranthene	22.63	252	400392	9.779	ng	99
89) Benzo(k)fluoranthene	22.67	252	374706	9.810	ng	98
90) Benzo(a)pyrene	23.19	252	368489	9.807	ng	99
91) Dibenzo(a,h)anthracene	25.50	278	366335	9.703	ng	99
92) Benzo(g,h,i)perylene	26.16	276	358141	9.485	ng	97

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

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