Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\
Data File : BP002796.D
Acq On : 20 Jul 2020 11:02
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/21/2020 11:33:02 AM

Quant Time: Jul 20 15:27:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	136955	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	516792	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	306228	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	642650	20.00	ng	0.00
76) Chrysene-d12	21.07	240	583957	20.00	ng	0.00
86) Perylene-d12	23.26	264	635815	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	632255	77.89	ng	0.00
7) Phenol-d6	6.75	99	891913	76.99	ng	0.00
23) Nitrobenzene-d5	8.70	82	786292	81.37	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	263506	82.43	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1541554	77.88	ng	0.00
79) Terphenyl-d14	19.55	244	1997359	78.42	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	138867	39.239	ng	98
3) Pyridine	3.50	79	413567m	39.213	ng	
4) n-Nitrosodimethylamine	3.42	42	169016	42.540	ng	97
6) Aniline	6.88	93	557317	38.001	ng	98
8) 2-Chlorophenol	7.12	128	342406	37.913	ng	97
9) Benzaldehyde	6.69	77	233052	37.027	ng	99
10) Phenol	6.78	94	456558	38.472	ng	99
11) bis(2-Chloroethyl)ether	6.99	93	369669	37.451	ng	100
12) 1,3-Dichlorobenzene	7.44	146	387951	37.461	ng	99
13) 1,4-Dichlorobenzene	7.58	146	386521	37.190	ng	99
14) 1,2-Dichlorobenzene	7.89	146	374063	37.323	ng	99
15) Benzyl Alcohol	7.79	79	313548	40.445	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.09	45	524617	36.956	ng	100
17) 2-Methylphenol	8.01	107	320743	37.937	ng	99
18) Hexachloroethane	8.61	117	143628	39.017	ng	97
19) n-Nitroso-di-n-propylamine	8.36	70	269098	38.144	ng	100
20) 3+4-Methylphenols	8.34	107	429763	38.443	ng	96
22) Acetophenone	8.36	105	499248	39.187	ng	98
24) Nitrobenzene	8.74	77	422531	40.377	ng	100
25) Isophorone	9.26	82	787969	40.012	ng	99
26) 2-Nitrophenol	9.45	139	188499	41.705	ng	99
27) 2,4-Dimethylphenol	9.53	122	287678	39.204	ng	99
28) bis(2-Chloroethoxy)methane	9.75	93	462447	38.660	ng	99
29) 2,4-Dichlorophenol	9.99	162	321933	39.793	ng	98
30) 1,2,4-Trichlorobenzene	10.19	180	356465	38.468	ng	99
31) Naphthalene	10.37	128	1033491	37.879	ng	100
32) Benzoic acid	9.71	122	181310	34.301	ng	96
33) 4-Chloroaniline	10.49	127	454743	38.895	ng	100
34) Hexachlorobutadiene	10.66	225	211209	39.435	ng	99
35) Caprolactam	11.26	113	111005	39.243	ng	98
36) 4-Chloro-3-methylphenol	11.65	107	341343	39.143	ng	99
37) 2-Methylnaphthalene	11.99	142	728274	37.826	ng	99
38) 1-Methylnaphthalene	12.22	142	684866	37.608	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.37	216	369950	39.309	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	141001	38.115	ng	99
43) 2,4,6-Trichlorophenol	12.63	196	244929	40.659	ng	99
44) 2,4,5-Trichlorophenol	12.71	196	280885	40.202	ng	98
46) 1,1'-Biphenyl	13.03	154	868969	38.063	ng	100
47) 2-Chloronaphthalene	13.06	162	702159	37.867	ng	98
48) 2-Nitroaniline	13.27	65	245485	42.829	ng	94
49) Acenaphthylene	13.92	152	1126064	38.522	ng	99
50) Dimethylphthalate	13.67	163	877988	37.594	ng	98
51) 2,6-Dinitrotoluene	13.79	165	196774	39.356	ng	97
52) Acenaphthene	14.26	154	661946	37.890	ng	99
53) 3-Nitroaniline	14.12	138	224560	40.143	ng	98
54) 2,4-Dinitrophenol	14.35	184	84977	37.511	ng	98
55) Dibenzofuran	14.60	168	1042528	37.208	ng	97
56) 4-Nitrophenol	14.47	139	141834	34.646	ng	97
57) 2,4-Dinitrotoluene	14.59	165	262990	39.940	ng	94
58) Fluorene	15.26	166	794744	38.334	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.85	232	208711	37.896	ng	98
60) Diethylphthalate	15.05	149	856365	37.820	ng	100
61) 4-Chlorophenyl-phenylether	15.26	204	419280	38.061	ng	98
62) 4-Nitroaniline	15.29	138	228233	38.474	ng	96
63) Azobenzene	15.55	77	910074	39.089	ng	98
65) 4,6-Dinitro-2-methylphenol	15.36	198	141172	37.985	ng	97
66) n-Nitrosodiphenylamine	15.47	169	728548	38.377	ng	100
67) 4-Bromophenyl-phenylether	16.16	248	277837	39.689	ng	96
68) Hexachlorobenzene	16.28	284	292187	39.615	ng	99
69) Atrazine	16.44	200	201588	38.896	ng	98
70) Pentachlorophenol	16.63	266	114704	36.605	ng	98
71) Phenanthrene	17.00	178	1312781	37.729	ng	100
72) Anthracene	17.10	178	1296497	37.971	ng	99
73) Carbazole	17.37	167	1276756	38.105	ng	99
74) Di-n-butylphthalate	17.95	149	1486020	40.893	ng	100
75) Fluoranthene	18.99	202	1511482	37.489	ng	99
77) Benzidine	19.18	184	590679	40.808	ng	99
78) Pyrene	19.35	202	1559644	38.683	ng	100
80) Butylbenzylphthalate	20.23	149	680322	42.760	ng	95
81) Benzo(a)anthracene	21.06	228	1488517	39.378	ng	98
82) 3,3'-Dichlorobenzidine	20.99	252	537860	42.964	ng	99
83) Chrysene	21.11	228	1392203	38.691	ng	98
84) Bis(2-ethylhexyl)phthalate	21.00	149	919929	41.572	ng	99
85) Di-n-octyl phthalate	21.86	149	1719793	43.228	ng	100
87) Indeno(1,2,3-cd)pyrene	25.47	276	1867144	40.630	ng	98
88) Benzo(b)fluoranthene	22.61	252	1609889	40.777	ng	100
89) Benzo(k)fluoranthene	22.65	252	1454916	37.413	ng	99
90) Benzo(a)pyrene	23.17	252	1480793	39.580	ng	100
91) Dibenzo(a,h)anthracene	25.48	278	1514521	40.866	ng	99
92) Benzo(g,h,i)perylene	26.14	276	1526548	40.626	ng	98

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

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