Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052820\
Data File : BP002301.D
Acq On : 28 May 2020 09:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/29/2020 10:30:49 PM

Quant Time: May 28 11:24:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 11:01:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	222791	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	949256	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	577767	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	1248641	20.00	ng	0.00
76) Chrysene-d12	21.10	240	1144604	20.00	ng	0.00
86) Perylene-d12	23.29	264	1221803	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1014850	85.55	ng	0.00
7) Phenol-d6	6.79	99	1388338	86.04	ng	0.00
23) Nitrobenzene-d5	8.75	82	1305875	82.71	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	447963	81.81	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2753378	84.09	ng	0.00
79) Terphenyl-d14	19.58	244	3859292	81.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	229784	42.124	ng	100
3) Pyridine	3.56	79	681393	43.645	ng	98
4) n-Nitrosodimethylamine	3.48	42	252347	41.962	ng	99
6) Aniline	6.93	93	946477	42.450	ng	99
8) 2-Chlorophenol	7.18	128	576954	42.503	ng	99
9) Benzaldehyde	6.75	77	387125	42.920	ng	98
10) Phenol	6.82	94	763839	43.018	ng	99
11) bis(2-Chloroethyl)ether	7.04	93	626757	42.399	ng	99
12) 1,3-Dichlorobenzene	7.50	146	659009	42.367	ng	97
13) 1,4-Dichlorobenzene	7.64	146	659499	42.216	ng	98
14) 1,2-Dichlorobenzene	7.95	146	634574	42.488	ng	99
15) Benzyl Alcohol	7.84	79	526070	42.904	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.15	45	872913	42.800	ng	100
17) 2-Methylphenol	8.05	107	547867	43.200	ng	99
18) Hexachloroethane	8.68	117	236255	42.257	ng	98
19) n-Nitroso-di-n-propylamine	8.41	70	464646	43.421	ng	97
20) 3+4-Methylphenols	8.38	107	741450	43.023	ng	95
22) Acetophenone	8.42	105	906787	41.839	ng	99
24) Nitrobenzene	8.79	77	713686	41.464	ng	98
25) Isophorone	9.32	82	1348582	41.588	ng	100
26) 2-Nitrophenol	9.50	139	301468	41.111	ng	98
27) 2,4-Dimethylphenol	9.57	122	502639	41.630	ng	99
28) bis(2-Chloroethoxy)methane	9.80	93	814931	41.300	ng	100
29) 2,4-Dichlorophenol	10.03	162	549879	41.328	ng	99
30) 1,2,4-Trichlorobenzene	10.25	180	610281	40.731	ng	98
31) Naphthalene	10.43	128	1835504	41.231	ng	100
32) Benzoic acid	9.70	122	350435	38.445	ng	97
33) 4-Chloroaniline	10.53	127	821556	42.014	ng	100
34) Hexachlorobutadiene	10.73	225	350491	40.109	ng	98
35) Caprolactam	11.29	113	192285	41.723	ng	99
36) 4-Chloro-3-methylphenol	11.67	107	601492	41.977	ng	100
37) 2-Methylnaphthalene	12.05	142	1289198	41.302	ng	100
38) 1-Methylnaphthalene	12.27	142	1218228	41.113	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	615340	40.077	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	323988	39.689	ng		99
43) 2,4,6-Trichlorophenol	12.67	196	426939	40.159	ng		99
44) 2,4,5-Trichlorophenol	12.73	196	505647	40.986	ng		98
46) 1,1'-Biphenyl	13.07	154	1574074	41.576	ng		98
47) 2-Chloronaphthalene	13.11	162	1285116	41.142	ng		100
48) 2-Nitroaniline	13.31	65	404916	42.155	ng		98
49) Acenaphthylene	13.96	152	2069180	41.806	ng		100
50) Dimethylphthalate	13.72	163	1611759	41.213	ng		99
51) 2,6-Dinitrotoluene	13.82	165	354175	41.730	ng		99
52) Acenaphthene	14.31	154	1310192m	41.148	ng		
53) 3-Nitroaniline	14.15	138	409691	42.190	ng		96
54) 2,4-Dinitrophenol	14.35	184	169696	39.569	ng		97
55) Dibenzofuran	14.65	168	1959114	41.612	ng		100
56) 4-Nitrophenol	14.46	139	325166	42.367	ng		99
57) 2,4-Dinitrotoluene	14.62	165	479127	42.001	ng		95
58) Fluorene	15.30	166	1421866	40.720	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.88	232	404312m	41.147	ng		
60) Diethylphthalate	15.10	149	1626135	42.048	ng		98
61) 4-Chlorophenyl-phenylether	15.30	204	742300	40.285	ng		99
62) 4-Nitroaniline	15.32	138	382733	42.579	ng		98
63) Azobenzene	15.60	77	1677433	42.298	ng		100
65) 4,6-Dinitro-2-methylphenol	15.38	198	245811	39.809	ng		98
66) n-Nitrosodiphenylamine	15.52	169	1344036	40.994	ng		99
67) 4-Bromophenyl-phenylether	16.20	248	493233	40.194	ng		98
68) Hexachlorobenzene	16.32	284	517573	39.923	ng		97
69) Atrazine	16.48	200	433388	41.436	ng		98
70) Pentachlorophenol	16.66	266	309343	39.114	ng		96
71) Phenanthrene	17.05	178	2456786	41.539	ng		99
72) Anthracene	17.13	178	2444578	42.006	ng		99
73) Carbazole	17.40	167	2385578	41.919	ng		100
74) Di-n-butylphthalate	17.99	149	2712991	41.902	ng		100
75) Fluoranthene	19.02	202	2858979	41.968	ng		99
77) Benzidine	19.20	184	1155263	49.701	ng		99
78) Pyrene	19.37	202	2978595	41.791	ng		98
80) Butylbenzylphthalate	20.27	149	1174364	41.385	ng		92
81) Benzo(a)anthracene	21.08	228	2702055	41.240	ng		99
82) 3,3'-Dichlorobenzidine	21.02	252	971127	42.305	ng		98
83) Chrysene	21.13	228	2628504	41.801	ng		99
84) Bis(2-ethylhexyl)phthalate	21.05	149	1849357	42.649	ng		98
85) Di-n-octyl phthalate	21.91	149	3067701	42.565	ng		98
87) Indeno(1,2,3-cd)pyrene	25.50	276	3180679	42.058	ng	#	95
88) Benzo(b)fluoranthene	22.63	252	2786215	41.827	ng	#	96
89) Benzo(k)fluoranthene	22.68	252	2783018	43.538	ng		97
90) Benzo(a)pyrene	23.20	252	2594804	41.993	ng		98
91) Dibenzo(a,h)anthracene	25.52	278	2611658	42.356	ng	#	96
92) Benzo(g,h,i)perylene	26.17	276	2597888	41.304	ng	#	95

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

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