Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP052720\
Data File : BP002296.D
Acq On : 27 May 2020 18:46
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
5/29/2020 10:26:07 PM

Quant Time: May 28 03:19:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 17:37:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	280860	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1136054	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	659589	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	1370161	20.00	ng	0.00
76) Chrysene-d12	21.10	240	1142573	20.00	ng	0.00
86) Perylene-d12	23.29	264	1313961	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	2211496	156.74	ng	0.00
7) Phenol-d6	6.80	99	2980480	150.86	ng	0.01
23) Nitrobenzene-d5	8.76	82	2866829	157.30	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	847865	102.75	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	4939390	125.27	ng	0.00
79) Terphenyl-d14	19.59	244	6025872	147.94	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	514786	82.38	ng	99
3) Pyridine	3.56	79	1552561m	84.64	ng	
4) n-Nitrosodimethylamine	3.48	42	595625	82.81	ng	100
6) Aniline	6.95	93	2118536	76.24	ng	99
8) 2-Chlorophenol	7.18	128	1259048	74.95	ng	99
10) Phenol	6.82	94	1661583	76.71	ng	99
11) bis(2-Chloroethyl)ether	7.05	93	1392596	75.71	ng	98
12) 1,3-Dichlorobenzene	7.50	146	1435999	74.31	ng	98
13) 1,4-Dichlorobenzene	7.64	146	1437337	74.02	ng	98
14) 1,2-Dichlorobenzene	7.96	146	1352999	72.93	ng	99
15) Benzyl Alcohol	7.85	79	1192950	76.91	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.15	45	1902009	76.64	ng	100
17) 2-Methylphenol	8.05	107	1179180	74.53	ng	98
18) Hexachloroethane	8.68	117	532711	76.80	ng	96
19) n-Nitroso-di-n-propylamine	8.42	70	975275	72.95	ng	98
20) 3+4-Methylphenols	8.39	107	1613029	74.59	ng	98
22) Acetophenone	8.42	105	1858319	75.02	ng	99
24) Nitrobenzene	8.79	77	1572807	79.29	ng	100
25) Isophorone	9.32	82	2930357	76.68	ng	99
26) 2-Nitrophenol	9.50	139	713413	77.72	ng	99
27) 2,4-Dimethylphenol	9.58	122	1093832	76.07	ng	99
28) bis(2-Chloroethoxy)methane	9.81	93	1768885	76.89	ng	99
29) 2,4-Dichlorophenol	10.03	162	1210887	73.91	ng	99
30) 1,2,4-Trichlorobenzene	10.25	180	1309432	71.07	ng	97
31) Naphthalene	10.43	128	3840607	74.13	ng	98
32) Benzoic acid	9.76	122	897927	81.45	ng	97
33) 4-Chloroaniline	10.54	127	1747520	75.33	ng	100
34) Hexachlorobutadiene	10.73	225	761958	67.85	ng	98
35) Caprolactam	11.32	113	433769m	76.74	ng	
36) 4-Chloro-3-methylphenol	11.68	107	1299464	76.56	ng	99
37) 2-Methylnaphthalene	12.05	142	2697027	72.55	ng	99
38) 1-Methylnaphthalene	12.27	142	2557596	72.56	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	1259269	69.74	ng	100
41) Hexachlorocyclopentadiene	12.42	237	728400	73.48	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.67	196	939433	74.40	ng		97
44) 2,4,5-Trichlorophenol	12.74	196	1059519	72.61	ng		97
46) 1,1'-Biphenyl	13.08	154	3098926	74.47	ng		99
47) 2-Chloronaphthalene	13.12	162	2561974	74.14	ng		99
48) 2-Nitroaniline	13.32	65	891713	83.75	ng		95
49) Acenaphthylene	13.97	152	4096531	75.22	ng		99
50) Dimethylphthalate	13.72	163	3214910	73.47	ng		100
51) 2,6-Dinitrotoluene	13.83	165	744604	75.33	ng		98
52) Acenaphthene	14.32	154	2654849m	76.10	ng		
53) 3-Nitroaniline	14.15	138	858934	78.89	ng		99
54) 2,4-Dinitrophenol	14.36	184	427520	85.51	ng		96
55) Dibenzofuran	14.65	168	3799322	73.51	ng		98
56) 4-Nitrophenol	14.47	139	696073	81.73	ng		97
57) 2,4-Dinitrotoluene	14.62	165	1020381	77.02	ng		93
58) Fluorene	15.30	166	2488903	62.51	ng		96
59) 2,3,4,6-Tetrachlorophenol	14.88	232	814486m	67.98	ng		
60) Diethylphthalate	15.10	149	3185285	74.60	ng		100
61) 4-Chlorophenyl-phenylether	15.30	204	1297144	59.06	ng		96
62) 4-Nitroaniline	15.33	138	778783	78.18	ng		99
63) Azobenzene	15.60	77	3295231	79.40	ng		99
65) 4,6-Dinitro-2-methylphenol	15.39	198	561606	81.66	ng		99
66) n-Nitrosodiphenylamine	15.52	169	2560936	74.79	ng		99
67) 4-Bromophenyl-phenylether	16.20	248	976830	69.44	ng		97
68) Hexachlorobenzene	16.32	284	993536	61.86	ng		95
69) Atrazine	16.49	200	826846	70.43	ng		99
70) Pentachlorophenol	16.66	266	665784	70.62	ng		97
71) Phenanthrene	17.05	178	4554802	74.08	ng		99
72) Anthracene	17.13	178	4483556	73.62	ng		99
73) Carbazole	17.40	167	4421265	75.14	ng		97
74) Di-n-butylphthalate	17.99	149	5198753	78.13	ng		99
75) Fluoranthene	19.02	202	5264150	72.38	ng		99
77) Benzidine	19.20	184	1827700	72.89	ng		99
78) Pyrene	19.37	202	5302616	77.32	ng		97
80) Butylbenzylphthalate	20.27	149	2364655	89.12	ng		93
81) Benzo(a)anthracene	21.08	228	4791853	75.93	ng		98
82) 3,3'-Dichlorobenzidine	21.02	252	1763998	77.13	ng		100
83) Chrysene	21.13	228	4449066	74.39	ng		98
84) Bis(2-ethylhexyl)phthalate	21.04	149	3348114	85.60	ng		98
85) Di-n-octyl phthalate	21.90	149	5808132	87.74	ng		97
87) Indeno(1,2,3-cd)pyrene	25.50	276	6016347	82.96	ng		95
88) Benzo(b)fluoranthene	22.64	252	5187326	73.92	ng		98
89) Benzo(k)fluoranthene	22.69	252	5010980	72.22	ng		99
90) Benzo(a)pyrene	23.20	252	4993631	76.46	ng		99
91) Dibenzo(a,h)anthracene	25.53	278	4843914	82.34	ng		97
92) Benzo(g,h,i)perylene	26.18	276	5195900	88.45	ng	#	96

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

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