Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP052720\
Data File : BP002291.D
Acq On : 27 May 2020 15:54
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
mohammad
5/29/2020 10:25:56 PM

Quant Time: May 27 17:47:22 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	243082	20.00	ng		0.00
21) Naphthalene-d8	10.37	136	1011397	20.00	ng		0.00
39) Acenaphthene-d10	14.25	164	628930	20.00	ng		0.00
64) Phenanthrene-d10	17.00	188	1354788	20.00	ng		0.00
76) Chrysene-d12	21.09	240	1323744	20.00	ng		0.00
86) Perylene-d12	23.28	264	1378121	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	268523	21.99	ng		0.00
7) Phenol-d6	6.79	99	366769	21.45	ng		0.00
23) Nitrobenzene-d5	8.75	82	325210	20.04	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	117856	14.98	ng		0.00
45) 2-Fluorobiphenyl	12.86	172	829261	22.06	ng		0.00
79) Terphenyl-d14	19.58	244	1246586	26.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	63515	11.74	ng		99
3) Pyridine	3.56	79	173875	10.95	ng		99
4) n-Nitrosodimethylamine	3.48	42	62730	10.08	ng	#	92
6) Aniline	6.93	93	243628	10.13	ng		100
8) 2-Chlorophenol	7.18	128	151884	10.45	ng		97
9) Benzaldehyde	6.75	77	121220	12.93	ng		98
10) Phenol	6.81	94	201783	10.76	ng		98
11) bis(2-Chloroethyl)ether	7.04	93	166839	10.48	ng		99
12) 1,3-Dichlorobenzene	7.50	146	180014	10.76	ng		97
13) 1,4-Dichlorobenzene	7.64	146	181922	10.82	ng		99
14) 1,2-Dichlorobenzene	7.95	146	176388	10.99	ng		99
15) Benzyl Alcohol	7.84	79	126407	9.42	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.15	45	237785	11.07	ng		99
17) 2-Methylphenol	8.05	107	141658	10.34	ng		98
18) Hexachloroethane	8.68	117	62158	10.35	ng		96
19) n-Nitroso-di-n-propylamine	8.40	70	121260	10.48	ng		98
20) 3+4-Methylphenols	8.38	107	189335	10.12	ng		96
22) Acetophenone	8.42	105	249714	11.32	ng	#	98
24) Nitrobenzene	8.79	77	182320	10.32	ng		100
25) Isophorone	9.31	82	342828	10.08	ng		99
26) 2-Nitrophenol	9.50	139	63738	7.80	ng		96
27) 2,4-Dimethylphenol	9.57	122	126813	9.91	ng		99
28) bis(2-Chloroethoxy)methane	9.80	93	216672	10.58	ng		99
29) 2,4-Dichlorophenol	10.03	162	133718	9.17	ng		98
30) 1,2,4-Trichlorobenzene	10.25	180	165965	10.12	ng		99
31) Naphthalene	10.43	128	507070	10.99	ng		100
32) Benzoic acid	9.65	122	45868	4.67	ng		94
33) 4-Chloroaniline	10.53	127	208941	10.12	ng		99
34) Hexachlorobutadiene	10.73	225	95118	9.51	ng		99
35) Caprolactam	11.26	113	42514	8.45	ng		95
36) 4-Chloro-3-methylphenol	11.67	107	148798	9.85	ng		98
37) 2-Methylnaphthalene	12.05	142	356587	10.77	ng		98
38) 1-Methylnaphthalene	12.27	142	340557	10.85	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	173102	10.05	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	74964	7.93	ng		98
43) 2,4,6-Trichlorophenol	12.66	196	107616	8.94	ng		98
44) 2,4,5-Trichlorophenol	12.73	196	125580	9.03	ng		95
46) 1,1'-Biphenyl	13.07	154	447319	11.27	ng		100
47) 2-Chloronaphthalene	13.11	162	364854	11.07	ng		100
48) 2-Nitroaniline	13.31	65	85127	8.38	ng		98
49) Acenaphthylene	13.96	152	558176	10.75	ng		99
50) Dimethylphthalate	13.71	163	446809	10.71	ng		99
51) 2,6-Dinitrotoluene	13.82	165	84778	9.00	ng		98
52) Acenaphthene	14.31	154	364747m	10.97	ng		
53) 3-Nitroaniline	14.14	138	95078	9.16	ng		98
54) 2,4-Dinitrophenol	14.35	184	30079	6.31	ng		97
55) Dibenzofuran	14.65	168	564782	11.46	ng		99
56) 4-Nitrophenol	14.46	139	69854	8.60	ng		98
57) 2,4-Dinitrotoluene	14.61	165	108775	8.61	ng		96
58) Fluorene	15.30	166	430778	11.35	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.87	232	102752m	8.99	ng		
60) Diethylphthalate	15.09	149	445213	10.94	ng		98
61) 4-Chlorophenyl-phenylether	15.30	204	225993	10.79	ng		99
62) 4-Nitroaniline	15.31	138	91460	9.63	ng		95
63) Azobenzene	15.60	77	461375	11.66	ng		98
65) 4,6-Dinitro-2-methylphenol	15.37	198	50107	7.37	ng		96
66) n-Nitrosodiphenylamine	15.52	169	382253	11.29	ng		99
67) 4-Bromophenyl-phenylether	16.20	248	136403	9.81	ng		96
68) Hexachlorobenzene	16.31	284	146487	9.22	ng		96
69) Atrazine	16.47	200	114783	9.89	ng		98
70) Pentachlorophenol	16.65	266	73762	7.91	ng		99
71) Phenanthrene	17.04	178	717077	11.80	ng		98
72) Anthracene	17.13	178	681483	11.32	ng		100
73) Carbazole	17.40	167	665069	11.43	ng		99
74) Di-n-butylphthalate	17.99	149	702328	10.68	ng		99
75) Fluoranthene	19.02	202	787692	10.95	ng		98
77) Benzidine	19.20	184	252593	8.70	ng		99
78) Pyrene	19.37	202	849801	10.70	ng		99
80) Butylbenzylphthalate	20.27	149	275791	8.97	ng		94
81) Benzo(a)anthracene	21.07	228	802992	10.98	ng		99
82) 3,3'-Dichlorobenzidine	21.02	252	233970	8.83	ng		97
83) Chrysene	21.13	228	786363	11.35	ng		98
84) Bis(2-ethylhexyl)phthalate	21.04	149	460721	10.17	ng	#	95
85) Di-n-octyl phthalate	21.90	149	692636	9.03	ng		96
87) Indeno(1,2,3-cd)pyrene	25.49	276	828870	10.90	ng	#	94
88) Benzo(b)fluoranthene	22.63	252	771502	10.48	ng	#	97
89) Benzo(k)fluoranthene	22.67	252	751875	10.33	ng	#	97
90) Benzo(a)pyrene	23.19	252	682582	9.96	ng	#	97
91) Dibenzo(a,h)anthracene	25.50	278	693212	11.24	ng	#	95
92) Benzo(g,h,i)perylene	26.16	276	669638	10.87	ng	#	96

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

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