Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
Data File : BP002318.D
Acq On : 29 May 2020 16:54
Operator : CG/JU
Sample : L2776-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
351MS

Manual Integrations APPROVED
mohammad
6/1/2020 12:24:19 PM

Quant Time: May 29 17:27:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 15:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	275590	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1108813	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	635418	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	1263261	20.00	ng	0.00
76) Chrysene-d12	21.11	240	1096334	20.00	ng	0.00
86) Perylene-d12	23.31	264	1316039	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1729219	117.85	ng	0.00
7) Phenol-d6	6.79	99	2318637	116.16	ng	0.00
23) Nitrobenzene-d5	8.75	82	1458304	79.07	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	645064	107.11	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2868694	79.66	ng	0.00
79) Terphenyl-d14	19.59	244	3536180	78.11	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	280288	41.539	ng	99
3) Pyridine	3.56	79	746380	38.648	ng	99
4) n-Nitrosodimethylamine	3.48	42	332905	44.752	ng	98
6) Aniline	6.93	93	719247	26.079	ng	99
8) 2-Chlorophenol	7.18	128	785838	46.800	ng	99
9) Benzaldehyde	6.75	77	475081	42.580	ng	97
10) Phenol	6.82	94	1031260	46.952	ng	98
11) bis(2-Chloroethyl)ether	7.04	93	778892	42.596	ng	100
12) 1,3-Dichlorobenzene	7.50	146	819761	42.604	ng	98
13) 1,4-Dichlorobenzene	7.64	146	835677	43.245	ng	97
14) 1,2-Dichlorobenzene	7.95	146	796717	43.125	ng	98
15) Benzyl Alcohol	7.85	79	683139	45.040	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.15	45	1064287	42.186	ng	99
17) 2-Methylphenol	8.05	107	656492	41.848	ng	97
18) Hexachloroethane	8.68	117	304528	44.033	ng	97
19) n-Nitroso-di-n-propylamine	8.41	70	566493	42.796	ng	98
20) 3+4-Methylphenols	8.38	107	885203	41.524	ng	98
22) Acetophenone	8.42	105	1093078	43.177	ng	100
24) Nitrobenzene	8.79	77	867633	43.155	ng	99
25) Isophorone	9.32	82	1597108	42.165	ng	99
26) 2-Nitrophenol	9.50	139	403708	47.131	ng	99
27) 2,4-Dimethylphenol	9.58	122	699214	49.578	ng	97
28) bis(2-Chloroethoxy)methane	9.80	93	1003858	43.554	ng	99
29) 2,4-Dichlorophenol	10.03	162	701531	45.138	ng	98
30) 1,2,4-Trichlorobenzene	10.25	180	752468	42.995	ng	96
31) Naphthalene	10.43	128	2375456	45.682	ng	99
32) Benzoic acid	9.72	122	503855	46.211	ng	97
33) 4-Chloroaniline	10.53	127	232821	10.193	ng	99
34) Hexachlorobutadiene	10.73	225	417585	40.910	ng	97
35) Caprolactam	11.30	113	229944	42.715	ng	97
36) 4-Chloro-3-methylphenol	11.68	107	738688	44.133	ng	100
37) 2-Methylnaphthalene	12.05	142	1825424	50.065	ng	100
38) 1-Methylnaphthalene	12.27	142	1648361	47.624	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	741788	43.930	ng	99

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Quant Time: May 29 17:27:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 15:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	868527	96.743 ng		100
43) 2,4,6-Trichlorophenol	12.67	196	522525	44.691 ng		98
44) 2,4,5-Trichlorophenol	12.74	196	560581	41.317 ng		97
46) 1,1'-Biphenyl	13.08	154	2044830	49.109 ng		99
47) 2-Chloronaphthalene	13.12	162	1480976	43.111 ng		100
48) 2-Nitroaniline	13.32	65	460573	43.599 ng		95
49) Acenaphthylene	13.97	152	2446419	44.943 ng		100
50) Dimethylphthalate	13.72	163	2372583	55.163 ng		99
51) 2,6-Dinitrotoluene	13.83	165	400873	42.947 ng		93
52) Acenaphthene	14.32	154	2288052m	65.339 ng		
53) 3-Nitroaniline	14.15	138	179504	16.808 ng		96
54) 2,4-Dinitrophenol	14.36	184	425015	90.112 ng		96
55) Dibenzofuran	14.65	168	2607307	50.355 ng		98
56) 4-Nitrophenol	14.47	139	718710	85.148 ng		97
57) 2,4-Dinitrotoluene	14.62	165	529695	42.221 ng	#	97
58) Fluorene	15.30	166	2013500	52.432 ng		97
59) 2,3,4,6-Tetrachlorophenol	14.89	232	474541	43.912 ng		93
60) Diethylphthalate	15.10	149	1725531	40.570 ng		100
61) 4-Chlorophenyl-phenylether	15.31	204	774725	38.230 ng		99
62) 4-Nitroaniline	15.32	138	358977	36.312 ng		98
63) Azobenzene	15.60	77	1838279	42.149 ng		97
65) 4,6-Dinitro-2-methylphenol	15.39	198	289811	46.391 ng		99
66) n-Nitrosodiphenylamine	15.52	169	1482923	44.707 ng		99
67) 4-Bromophenyl-phenylether	16.20	248	522906	42.119 ng		97
68) Hexachlorobenzene	16.32	284	556139	42.401 ng		97
69) Atrazine	16.49	200	459048	43.382 ng		99
70) Pentachlorophenol	16.66	266	696651	87.067 ng		97
71) Phenanthrene	17.05	178	4372824	73.079 ng		100
72) Anthracene	17.14	178	2909862	49.422 ng		99
73) Carbazole	17.41	167	2570247	44.642 ng		99
74) Di-n-butylphthalate	18.00	149	2933110	44.778 ng		100
75) Fluoranthene	19.03	202	5029146	72.971 ng		98
77) Benzidine	19.22	184	1619311	72.733 ng		98
78) Pyrene	19.39	202	4447735	65.151 ng		98
80) Butylbenzylphthalate	20.28	149	1286365	47.327 ng		93
81) Benzo(a)anthracene	21.10	228	3176376	50.614 ng		99
82) 3,3'-Dichlorobenzidine	21.03	252	663871	30.193 ng		97
83) Chrysene	21.15	228	3007088	49.927 ng		100
84) Bis(2-ethylhexyl)phthalate	21.06	149	1916443	46.142 ng		98
85) Di-n-octyl phthalate	21.92	149	3317601	48.060 ng		99
87) Indeno(1,2,3-cd)pyrene	25.54	276	3764027	46.208 ng	#	95
88) Benzo(b)fluoranthene	22.66	252	3369943m	46.968 ng		
89) Benzo(k)fluoranthene	22.70	252	2982796	43.322 ng		98
90) Benzo(a)pyrene	23.22	252	2956133	44.415 ng		98
91) Dibenzo(a,h)anthracene	25.56	278	3046259	45.866 ng	#	96
92) Benzo(g,h,i)perylene	26.22	276	3255806	48.058 ng		96

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

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