Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
Data File : BP003049.D
Acq On : 20 Aug 2020 00:35
Operator : CG/JU
Sample : L3682-06MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20200513-2801-AMS

Manual Integrations APPROVED
mohammad
8/20/2020 12:24:47 PM

Quant Time: Aug 20 07:31:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 14:07:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	287354	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1044089	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	632253	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1514628	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1526320	20.00	ng	0.00
86) Perylene-d12	23.41	264	1488574	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1500948	79.94	ng	0.00
7) Phenol-d6	6.86	99	1659785	63.67	ng	0.00
23) Nitrobenzene-d5	8.83	82	1248212	64.75	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	810266	103.11	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	3132981	67.70	ng	-0.01
79) Terphenyl-d14	19.64	244	5063262	66.41	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	213463	26.486	ng	# 79
3) Pyridine	3.63	79	424734	18.916	ng	99
4) n-Nitrosodimethylamine	3.53	42	184333	27.947	ng	95
6) Aniline	7.01	93	412610	13.643	ng	99
8) 2-Chlorophenol	7.25	128	732699	36.601	ng	99
9) Benzaldehyde	6.82	77	190324	13.713	ng	99
10) Phenol	6.89	94	689792	26.275	ng	98
11) bis(2-Chloroethyl)ether	7.11	93	668158	33.090	ng	98
12) 1,3-Dichlorobenzene	7.57	146	864761	38.273	ng	99
13) 1,4-Dichlorobenzene	7.72	146	884059	38.710	ng	99
14) 1,2-Dichlorobenzene	8.03	146	860621	39.515	ng	99
15) Benzyl Alcohol	7.92	79	571967	33.256	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	528681	27.869	ng	100
17) 2-Methylphenol	8.13	107	536995	32.010	ng	97
18) Hexachloroethane	8.76	117	275616	34.600	ng	96
19) n-Nitroso-di-n-propylamine	8.49	70	411353	27.388	ng	98
20) 3+4-Methylphenols	8.46	107	716034	31.670	ng	99
22) Acetophenone	8.50	105	1069719	36.313	ng	# 97
24) Nitrobenzene	8.87	77	664617	31.757	ng	99
25) Isophorone	9.39	82	1279784	30.902	ng	100
26) 2-Nitrophenol	9.58	139	382146	44.147	ng	97
27) 2,4-Dimethylphenol	9.65	122	641187	38.878	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	858512	37.157	ng	99
29) 2,4-Dichlorophenol	10.12	162	698955	40.268	ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	741580	36.548	ng	99
31) Naphthalene	10.51	128	2212934	37.025	ng	100
32) Benzoic acid	9.79	122	420463	44.094	ng	97
33) 4-Chloroaniline	10.62	127	248846	10.047	ng	99
34) Hexachlorobutadiene	10.81	225	420655	33.878	ng	100
35) Caprolactam	11.38	113	174851	32.557	ng	95
36) 4-Chloro-3-methylphenol	11.76	107	585499	32.450	ng	97
37) 2-Methylnaphthalene	12.13	142	1613543	37.952	ng	99
38) 1-Methylnaphthalene	12.35	142	1522447	38.041	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	789993	34.753	ng	100

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Quant Time: Aug 20 07:31:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 14:07:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	480504	40.747 ng	99
43) 2,4,6-Trichlorophenol	12.75	196	478767	36.339 ng	99
44) 2,4,5-Trichlorophenol	12.82	196	517634	35.815 ng	99
46) 1,1'-Biphenyl	13.15	154	2014074	38.534 ng	99
47) 2-Chloronaphthalene	13.19	162	1555431	38.003 ng	99
48) 2-Nitroaniline	13.39	65	324599	33.136 ng	99
49) Acenaphthylene	14.04	152	2511200	39.122 ng	99
50) Dimethylphthalate	13.79	163	2381067	48.151 ng	100
51) 2,6-Dinitrotoluene	13.89	165	434399	39.515 ng	99
52) Acenaphthene	14.39	154	1624023m	39.365 ng	
53) 3-Nitroaniline	14.22	138	284336	25.909 ng	99
54) 2,4-Dinitrophenol	14.43	184	243536	54.693 ng	98
55) Dibenzofuran	14.72	168	2342409	37.016 ng	99
56) 4-Nitrophenol	14.55	139	648554	73.962 ng	95
57) 2,4-Dinitrotoluene	14.69	165	600113	41.417 ng	99
58) Fluorene	15.37	166	1787375	36.075 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	452403	37.515 ng	100
60) Diethylphthalate	15.16	149	1950521	40.366 ng	98
61) 4-Chlorophenyl-phenylether	15.37	204	892302	34.993 ng	99
62) 4-Nitroaniline	15.39	138	439199	38.764 ng	94
63) Azobenzene	15.67	77	1357511	27.906 ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	184107	26.876 ng	98
66) n-Nitrosodiphenylamine	15.59	169	1644999	32.793 ng	99
67) 4-Bromophenyl-phenylether	16.27	248	663272	35.995 ng	98
68) Hexachlorobenzene	16.39	284	777316	36.471 ng	99
69) Atrazine	16.55	200	573449	33.742 ng	98
70) Pentachlorophenol	16.73	266	873360	79.020 ng	100
71) Phenanthrene	17.12	178	3360950	37.841 ng	99
72) Anthracene	17.20	178	3397045	39.133 ng	100
73) Carbazole	17.47	167	3209774	37.862 ng	99
74) Di-n-butylphthalate	18.05	149	3804610	42.663 ng	100
75) Fluoranthene	19.09	202	4047519	39.553 ng	99
77) Benzidine	19.27	184	204592	4.396 ng	99
78) Pyrene	19.44	202	4139525	38.796 ng	99
80) Butylbenzylphthalate	20.33	149	1863849	43.320 ng	100
81) Benzo(a)anthracene	21.15	228	4029301	38.756 ng	100
82) 3,3'-Dichlorobenzidine	21.09	252	1313426	31.918 ng	99
83) Chrysene	21.20	228	3822410	38.976 ng	100
84) Bis(2-ethylhexyl)phthalate	21.10	149	2623490	44.427 ng	99
85) Di-n-octyl phthalate	21.97	149	4255052	43.863 ng	99
87) Indeno(1,2,3-cd)pyrene	25.70	276	4684849	39.298 ng	97
88) Benzo(b)fluoranthene	22.73	252	3981902	37.906 ng	98
89) Benzo(k)fluoranthene	22.78	252	3746996	37.739 ng	97
90) Benzo(a)pyrene	23.31	252	3565749	37.567 ng	98
91) Dibenzo(a,h)anthracene	25.72	278	3902789	38.465 ng	98
92) Benzo(g,h,i)perylene	26.40	276	4054248	41.321 ng	97

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

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