Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092019\
Data File : BP000343.D
Acq On : 20 Sep 2019 09:10
Operator : HP/JU
Sample : PB123227BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB123227BS

Manual Integrations APPROVED
mohammad
9/24/2019 8:33:57 AM

Quant Time: Sep 20 16:00:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	219481	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	830415	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	469687	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	900488	20.00	ng		0.00
76) Chrysene-d12	14.00	240	761503	20.00	ng		0.00
87) Perylene-d12	15.47	264	784186	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1282589	100.88	ng		0.02
7) Phenol-d6	6.43	99	1551117	99.53	ng		0.00
23) Nitrobenzene-d5	7.35	82	853125	66.28	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	576679	123.79	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1946739	74.60	ng		0.00
79) Terphenyl-d14	12.93	244	2465175	67.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	207872	36.232	ng		98
3) Pyridine	3.33	79	461105	29.855	ng		98
4) n-Nitrosodimethylamine	3.26	42	155881	35.793	ng		96
6) Aniline	6.45	93	595858	27.731	ng		95
8) 2-Chlorophenol	6.58	128	562051	41.055	ng		98
9) Benzaldehyde	6.34	77	290268	33.471	ng		97
10) Phenol	6.45	94	662681	37.427	ng		82
11) bis(2-Chloroethyl)ether	6.53	93	502267	37.043	ng		97
12) 1,3-Dichlorobenzene	6.73	146	645972	39.320	ng		98
13) 1,4-Dichlorobenzene	6.81	146	655387	40.096	ng		98
14) 1,2-Dichlorobenzene	6.96	146	613151	40.950	ng		99
15) Benzyl Alcohol	6.93	79	446718	39.390	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	441248	34.326	ng		97
17) 2-Methylphenol	7.05	107	456418	38.925	ng		99
18) Hexachloroethane	7.30	117	232799	38.486	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	295295	35.838	ng		98
20) 3+4-Methylphenols	7.20	107	547170	38.589	ng	#	90
22) Acetophenone	7.20	105	741127	41.183	ng		98
24) Nitrobenzene	7.37	77	520043	38.901	ng		99
25) Isophorone	7.61	82	970494	38.080	ng		98
26) 2-Nitrophenol	7.69	139	296640	41.856	ng		96
27) 2,4-Dimethylphenol	7.73	122	493483	43.713	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	635108	37.468	ng		100
29) 2,4-Dichlorophenol	7.93	162	509635	42.121	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	568181	40.970	ng		100
31) Naphthalene	8.10	128	1613453	41.952	ng		100
32) Benzoic acid	7.83	122	241743	31.715	ng		95
33) 4-Chloroaniline	8.14	127	483927	27.803	ng		99
34) Hexachlorobutadiene	8.22	225	345745	42.076	ng		100
35) Caprolactam	8.50	113	158310m	38.463	ng		
36) 4-Chloro-3-methylphenol	8.63	107	502964	40.949	ng		99
37) 2-Methylnaphthalene	8.79	142	1119608	42.585	ng		99
38) 1-Methylnaphthalene	8.89	142	1042850	42.344	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	581592	43.308	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	567326	73.569 ng		100
43) 2,4,6-Trichlorophenol	9.07	196	378296	40.710 ng		99
44) 2,4,5-Trichlorophenol	9.11	196	416062	43.727 ng		98
46) 1,1'-Biphenyl	9.25	154	1385415	42.639 ng		98
47) 2-Chloronaphthalene	9.27	162	1092714	40.091 ng		100
48) 2-Nitroaniline	9.37	65	251410	36.322 ng		99
49) Acenaphthylene	9.69	152	1719070	41.958 ng		100
50) Dimethylphthalate	9.55	163	1297631	40.550 ng		100
51) 2,6-Dinitrotoluene	9.62	165	297705	42.311 ng	#	84
52) Acenaphthene	9.87	154	1015100	39.261 ng		99
53) 3-Nitroaniline	9.78	138	233626	28.606 ng		97
54) 2,4-Dinitrophenol	9.89	184	244817	78.756 ng		99
55) Dibenzofuran	10.04	168	1545001	42.271 ng		99
56) 4-Nitrophenol	9.95	139	461719	76.010 ng		93
57) 2,4-Dinitrotoluene	10.02	165	389599	42.355 ng		94
58) Fluorene	10.39	166	1171701	41.504 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	346253	44.224 ng		97
60) Diethylphthalate	10.26	149	1252911	40.701 ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	625880	43.190 ng		99
62) 4-Nitroaniline	10.40	138	314801	39.188 ng		95
63) Azobenzene	10.54	77	1003188	38.466 ng		99
65) 4,6-Dinitro-2-methylphenol	10.43	198	179696	42.440 ng		95
66) n-Nitrosodiphenylamine	10.50	169	1083706	39.977 ng		99
67) 4-Bromophenyl-phenylether	10.87	248	408747	40.141 ng		98
68) Hexachlorobenzene	10.95	284	447811	40.226 ng		98
69) Atrazine	11.03	200	353670	Below Cal		98
70) Pentachlorophenol	11.14	266	486423	80.227 ng		99
71) Phenanthrene	11.35	178	1845724	40.902 ng		100
72) Anthracene	11.40	178	1862343	40.095 ng		100
73) Carbazole	11.56	167	1719717	41.112 ng		99
74) Di-n-butylphthalate	11.90	149	2028361	38.309 ng		99
75) Fluoranthene	12.55	202	2088255	43.096 ng		98
77) Benzidine	12.67	184	788056	28.976 ng		99
78) Pyrene	12.79	202	2129220	37.372 ng		99
80) Butylbenzylphthalate	13.41	149	902386	34.470 ng		99
81) Benzo(a)anthracene	13.99	228	1859669	38.661 ng		100
82) 3,3'-Dichlorobenzidine	13.95	252	649305	33.587 ng		100
83) Chrysene	14.02	228	1834222	38.836 ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	1182751	37.636 ng		99
85) Di-n-octyl phthalate	14.60	149	2177501	37.386 ng		98
86) Indeno(1,2,3-cd)pyrene	16.97	276	2238170	38.878 ng		95
88) Benzo(b)fluoranthene	15.05	252	2158101	46.131 ng		98
89) Benzo(k)fluoranthene	15.08	252	1817158m	44.530 ng		
90) Benzo(a)pyrene	15.42	252	1946009	45.716 ng		98
91) Dibenzo(a,h)anthracene	16.99	278	1840498	46.375 ng		98
92) Benzo(g,h,i)perylene	17.42	276	1866393	45.752 ng		96

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

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