Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
Data File : BP000378.D
Acq On : 23 Sep 2019 22:18
Operator : HP/JU
Sample : K4980-04MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 24 09:09:27 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

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Manual Integrations APPROVED
mohammad
9/24/2019 2:38:59 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	267187	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	970968	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	529960	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	965241	20.00	ng		0.00
76) Chrysene-d12	14.00	240	737579	20.00	ng		0.00
87) Perylene-d12	15.47	264	880325	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1395937	90.19	ng		0.02
7) Phenol-d6	6.43	99	1820960	95.98	ng		0.01
23) Nitrobenzene-d5	7.35	82	1011569	67.22	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	516579	98.27	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2131860	72.40	ng		0.00
79) Terphenyl-d14	12.93	244	2402940	68.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	261654	37.464	ng		99
3) Pyridine	3.30	79	610156	32.452	ng		100
4) n-Nitrosodimethylamine	3.23	42	208495	39.326	ng		98
6) Aniline	6.45	93	515311	19.700	ng	#	5
8) 2-Chlorophenol	6.58	128	772592	46.357	ng		97
9) Benzaldehyde	6.34	77	502910	50.895	ng		97
10) Phenol	6.45	94	963153	44.684	ng		86
11) bis(2-Chloroethyl)ether	6.52	93	724260	43.878	ng		99
12) 1,3-Dichlorobenzene	6.73	146	855827	42.793	ng		98
13) 1,4-Dichlorobenzene	6.81	146	867296	43.586	ng		98
14) 1,2-Dichlorobenzene	6.96	146	812061	44.551	ng		99
15) Benzyl Alcohol	6.93	79	613495	44.437	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	637848	40.760	ng		96
17) 2-Methylphenol	7.05	107	637396	44.653	ng		99
18) Hexachloroethane	7.30	117	295534	40.134	ng		99
19) n-Nitroso-di-n-propylamine	7.20	70	435454	43.413	ng		99
20) 3+4-Methylphenols	7.20	107	805864	46.686	ng	#	80
22) Acetophenone	7.20	105	1062288	50.484	ng	#	98
24) Nitrobenzene	7.37	77	734370	46.981	ng		98
25) Isophorone	7.61	82	1358110	45.575	ng		99
26) 2-Nitrophenol	7.69	139	400996	48.390	ng		96
27) 2,4-Dimethylphenol	7.73	122	678605	51.410	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	906077	45.716	ng		100
29) 2,4-Dichlorophenol	7.94	162	680024	48.068	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	739148	45.583	ng		99
31) Naphthalene	8.10	128	2169470	48.244	ng		100
32) Benzoic acid	7.85	122	406508	45.611	ng		100
33) 4-Chloroaniline	8.14	127	228234	11.215	ng		100
34) Hexachlorobutadiene	8.22	225	428685	44.618	ng		98
35) Caprolactam	8.51	113	228001m	47.377	ng		
36) 4-Chloro-3-methylphenol	8.63	107	680743	47.401	ng		97
37) 2-Methylnaphthalene	8.79	142	1502826	48.887	ng		99
38) 1-Methylnaphthalene	8.89	142	1391820	48.333	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	736730	48.621	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	386606	44.432 ng	100
43) 2,4,6-Trichlorophenol	9.07	196	499608	47.651 ng	100
44) 2,4,5-Trichlorophenol	9.12	196	534328	49.769 ng	98
46) 1,1'-Biphenyl	9.25	154	1820593	49.659 ng	100
47) 2-Chloronaphthalene	9.28	162	1415898	46.040 ng	100
48) 2-Nitroaniline	9.37	65	353681	45.286 ng	94
49) Acenaphthylene	9.70	152	2351787	50.873 ng	99
50) Dimethylphthalate	9.56	163	1901870	52.673 ng	99
51) 2,6-Dinitrotoluene	9.62	165	382542	48.185 ng	90
52) Acenaphthene	9.87	154	1304350	44.711 ng	100
53) 3-Nitroaniline	9.78	138	195741	21.241 ng	97
54) 2,4-Dinitrophenol	9.89	184	147593	42.080 ng	98
55) Dibenzofuran	10.04	168	2010642	48.754 ng	100
56) 4-Nitrophenol	9.96	139	639836	93.352 ng	92
57) 2,4-Dinitrotoluene	10.02	165	500248	48.199 ng	90
58) Fluorene	10.39	166	1549281	48.638 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	437296	49.500 ng	98
60) Diethylphthalate	10.26	149	1646914	47.416 ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	789505	48.285 ng	100
62) 4-Nitroaniline	10.40	138	330540	36.467 ng	98
63) Azobenzene	10.54	77	1400825	47.604 ng	99
65) 4,6-Dinitro-2-methylphenol	10.43	198	121743	26.824 ng	93
66) n-Nitrosodiphenylamine	10.50	169	1397924	48.109 ng	99
67) 4-Bromophenyl-phenylether	10.87	248	498843	45.702 ng	98
68) Hexachlorobenzene	10.95	284	534520	44.794 ng	98
69) Atrazine	11.03	200	437877	Below Cal	99
70) Pentachlorophenol	11.14	266	582417	89.616 ng	99
71) Phenanthrene	11.36	178	2449696	50.644 ng	100
72) Anthracene	11.40	178	2440912	49.025 ng	99
73) Carbazole	11.56	167	2179433	48.606 ng	99
74) Di-n-butylphthalate	11.90	149	2623434	46.224 ng	99
75) Fluoranthene	12.56	202	2784535	53.611 ng	97
77) Benzidine	12.67	184	1753918	66.582 ng	98
78) Pyrene	12.79	202	2933700	53.163 ng	99
80) Butylbenzylphthalate	13.41	149	1158746	45.698 ng	97
81) Benzo(a)anthracene	13.99	228	2396384	51.434 ng	97
82) 3,3'-Dichlorobenzidine	13.95	252	858896	45.870 ng	99
83) Chrysene	14.02	228	2307504	50.442 ng	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	1499842	49.275 ng	100
85) Di-n-octyl phthalate	14.60	149	2711236	48.059 ng	99
86) Indeno(1,2,3-cd)pyrene	16.97	276	2784194	49.931 ng	99
88) Benzo(b)fluoranthene	15.05	252	2672493	50.888 ng	98
89) Benzo(k)fluoranthene	15.08	252	2232112	48.725 ng	98
90) Benzo(a)pyrene	15.42	252	2475779	51.810 ng	99
91) Dibenzo(a,h)anthracene	16.99	278	2203614	49.461 ng	99
92) Benzo(g,h,i)perylene	17.43	276	2339728	51.091 ng	99

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

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