Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
Data File : BP000379.D
Acq On : 23 Sep 2019 22:42
Operator : HP/JU
Sample : K4980-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SAND-STOCKPILE-1MSD

Quant Time: Sep 24 04:24:15 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	256099	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	931905	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	501734	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	931526	20.00	ng		0.00
76) Chrysene-d12	14.00	240	745731	20.00	ng		0.00
87) Perylene-d12	15.47	264	881268	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1501818	101.24	ng		0.02
7) Phenol-d6	6.43	99	1920414	105.61	ng		0.01
23) Nitrobenzene-d5	7.35	82	1074764	74.41	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	555802	111.68	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2228738	79.95	ng		0.00
79) Terphenyl-d14	12.93	244	2586386	72.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	182806	27.307	ng		99
3) Pyridine	3.29	79	445893	24.742	ng		99
4) n-Nitrosodimethylamine	3.22	42	161228	31.727	ng		99
6) Aniline	6.45	93	533772	21.289	ng	#	35
8) 2-Chlorophenol	6.58	128	573635	35.910	ng		97
9) Benzaldehyde	6.34	77	373475	37.698	ng		96
10) Phenol	6.45	94	728646	35.268	ng		82
11) bis(2-Chloroethyl)ether	6.53	93	540137	34.140	ng		97
12) 1,3-Dichlorobenzene	6.73	146	636556	33.207	ng		98
13) 1,4-Dichlorobenzene	6.81	146	650893	34.127	ng		97
14) 1,2-Dichlorobenzene	6.96	146	607952	34.797	ng		99
15) Benzyl Alcohol	6.93	79	468558	35.408	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	484485	32.300	ng		98
17) 2-Methylphenol	7.05	107	477019	34.865	ng		99
18) Hexachloroethane	7.30	117	219920	31.159	ng		99
19) n-Nitroso-di-n-propylamine	7.20	70	330890	34.416	ng		99
20) 3+4-Methylphenols	7.20	107	606484	36.657	ng	#	77
22) Acetophenone	7.20	105	803267	39.775	ng		98
24) Nitrobenzene	7.37	77	549928	36.656	ng		97
25) Isophorone	7.61	82	1015934	35.521	ng		100
26) 2-Nitrophenol	7.69	139	298550	37.538	ng		95
27) 2,4-Dimethylphenol	7.73	122	511665	40.388	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	677704	35.627	ng		100
29) 2,4-Dichlorophenol	7.93	162	512449	37.741	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	558064	35.858	ng		100
31) Naphthalene	8.10	128	1680454	38.936	ng		99
32) Benzoic acid	7.83	122	210455	24.603	ng		98
33) 4-Chloroaniline	8.14	127	332296	17.012	ng		99
34) Hexachlorobutadiene	8.22	225	326980	35.459	ng		99
35) Caprolactam	8.49	113	166133	35.968	ng		98
36) 4-Chloro-3-methylphenol	8.63	107	514463	37.324	ng		99
37) 2-Methylnaphthalene	8.79	142	1162540	39.403	ng		100
38) 1-Methylnaphthalene	8.89	142	1081158	39.119	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	561807	39.163	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	260579	31.633 ng	99
43) 2,4,6-Trichlorophenol	9.07	196	372135	37.489 ng	100
44) 2,4,5-Trichlorophenol	9.12	196	397664	39.124 ng	99
46) 1,1'-Biphenyl	9.25	154	1401852	40.389 ng	99
47) 2-Chloronaphthalene	9.28	162	1083588	37.216 ng	99
48) 2-Nitroaniline	9.37	65	262455	35.496 ng	96
49) Acenaphthylene	9.69	152	1835556	41.940 ng	100
50) Dimethylphthalate	9.55	163	1533612	44.864 ng	100
51) 2,6-Dinitrotoluene	9.61	165	287828	38.294 ng	99
52) Acenaphthene	9.87	154	1010119	36.573 ng	100
53) 3-Nitroaniline	9.78	138	195043	22.356 ng	97
54) 2,4-Dinitrophenol	9.89	184	91459	27.542 ng	97
55) Dibenzofuran	10.04	168	1538510	39.405 ng	100
56) 4-Nitrophenol	9.96	139	462246	71.236 ng	95
57) 2,4-Dinitrotoluene	10.02	165	375881	38.254 ng	98
58) Fluorene	10.39	166	1219695	40.445 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	325441	38.911 ng	98
60) Diethylphthalate	10.26	149	1232562	37.482 ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	601880	38.881 ng	98
62) 4-Nitroaniline	10.39	138	265046	30.887 ng	98
63) Azobenzene	10.53	77	1055745	37.895 ng	95
65) 4,6-Dinitro-2-methylphenol	10.43	198	83080	18.968 ng	99
66) n-Nitrosodiphenylamine	10.49	169	1065000	37.978 ng	99
67) 4-Bromophenyl-phenylether	10.87	248	380913	36.161 ng	97
68) Hexachlorobenzene	10.95	284	398912	34.640 ng	98
69) Atrazine	11.03	200	327127	55.415 ng	98
70) Pentachlorophenol	11.14	266	410365	65.428 ng	99
71) Phenanthrene	11.35	178	2001220	42.870 ng	100
72) Anthracene	11.40	178	1909057	39.731 ng	100
73) Carbazole	11.56	167	1671181	38.620 ng	99
74) Di-n-butylphthalate	11.90	149	1994400	36.413 ng	100
75) Fluoranthene	12.55	202	2191325	43.717 ng	98
77) Benzidine	12.67	184	1397036	52.455 ng	97
78) Pyrene	12.79	202	2418733	43.352 ng	100
80) Butylbenzylphthalate	13.41	149	872073	34.017 ng	99
81) Benzo(a)anthracene	13.99	228	1947286	41.338 ng	98
82) 3,3'-Dichlorobenzidine	13.95	252	699755	36.963 ng	99
83) Chrysene	14.02	228	1842516	39.837 ng	100
84) Bis(2-ethylhexyl)phthalate	13.98	149	1174740	38.172 ng	99
85) Di-n-octyl phthalate	14.60	149	2070565	36.302 ng	99
86) Indeno(1,2,3-cd)pyrene	16.97	276	2249236	39.897 ng	98
88) Benzo(b)fluoranthene	15.05	252	2171125	41.297 ng	99
89) Benzo(k)fluoranthene	15.07	252	1732022	37.768 ng	99
90) Benzo(a)pyrene	15.42	252	2008154	41.979 ng	99
91) Dibenzo(a,h)anthracene	16.99	278	1758205	39.421 ng	98
92) Benzo(g,h,i)perylene	17.42	276	1886071	41.141 ng	98

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

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