Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020038.D
Acq On : 23 Apr 2019 16:03
Operator : JU/SJ
Sample : PB119131BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB119131BS

Manual Integrations APPROVED
Sohil
4/24/2019 11:49:12 AM

Quant Time: Apr 24 04:01:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	85034	20.00	ng		-0.02
21) Naphthalene-d8	10.26	136	327899	20.00	ng		-0.02
39) Acenaphthene-d10	14.16	164	178493	20.00	ng		-0.02
64) Phenanthrene-d10	16.93	188	373707	20.00	ng		-0.02
76) Chrysene-d12	21.14	240	447950	20.00	ng		-0.02
87) Perylene-d12	23.33	264	457843	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	717444	136.74	ng		-0.02
7) Phenol-d6	6.69	99	929132	117.66	ng		-0.02
23) Nitrobenzene-d5	8.66	82	653354	89.11	ng		-0.02
42) 2,4,6-Tribromophenol	15.67	330	360374	125.42	ng		-0.02
45) 2-Fluorobiphenyl	12.76	172	1266719	88.44	ng		-0.02
79) Terphenyl-d14	19.57	244	1947859	76.70	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	91567	40.441	ng		99
3) Pyridine	3.48	79	197721	31.181	ng		97
4) n-Nitrosodimethylamine	3.41	42	86322	42.259	ng		92
6) Aniline	6.85	93	277819	27.240	ng		100
8) 2-Chlorophenol	7.06	128	238379	36.528	ng		98
9) Benzaldehyde	6.67	77	83559	15.270	ng		93
10) Phenol	6.72	94	312538	36.226	ng		91
11) bis(2-Chloroethyl)ether	6.95	93	215922	34.206	ng		99
12) 1,3-Dichlorobenzene	7.37	146	256471	37.435	ng		97
13) 1,4-Dichlorobenzene	7.53	146	263549	37.915	ng		99
14) 1,2-Dichlorobenzene	7.83	146	257929	37.423	ng		97
15) Benzyl Alcohol	7.76	79	241328	33.617	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.01	45	188386	31.307	ng		96
17) 2-Methylphenol	7.95	107	196608	34.432	ng		96
18) Hexachloroethane	8.53	117	100663	37.256	ng		95
19) n-Nitroso-di-n-propylamine	8.30	70	208802	30.081	ng		99
20) 3+4-Methylphenols	8.29	107	256485	32.699	ng		98
22) Acetophenone	8.33	105	366186	41.002	ng	#	98
24) Nitrobenzene	8.71	77	315352	41.519	ng		96
25) Isophorone	9.22	82	509539	35.700	ng		98
26) 2-Nitrophenol	9.41	139	117432	36.280	ng	#	91
27) 2,4-Dimethylphenol	9.47	122	200854	43.888	ng		96
28) bis(2-Chloroethoxy)methane	9.70	93	287251	35.941	ng		99
29) 2,4-Dichlorophenol	9.95	162	201994	38.862	ng		95
30) 1,2,4-Trichlorobenzene	10.13	180	242106	43.277	ng		99
31) Naphthalene	10.32	128	704879	40.078	ng		98
32) Benzoic acid	9.65	122	94512	24.679	ng		100
33) 4-Chloroaniline	10.47	127	184264	25.432	ng		98
34) Hexachlorobutadiene	10.57	225	144195	43.703	ng		98
35) Caprolactam	11.30	113	60996m	31.002	ng		
36) 4-Chloro-3-methylphenol	11.60	107	227301	35.195	ng		99
37) 2-Methylnaphthalene	11.94	142	495148	38.670	ng		98
38) 1-Methylnaphthalene	12.16	142	473574	37.458	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	244571	44.416	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	135756	71.148	ng		100
43) 2,4,6-Trichlorophenol	12.59	196	156638	41.958	ng		99
44) 2,4,5-Trichlorophenol	12.67	196	158026	40.671	ng		97
46) 1,1'-Biphenyl	12.98	154	630417	40.778	ng		99
47) 2-Chloronaphthalene	13.02	162	486072	41.219	ng		100
48) 2-Nitroaniline	13.27	65	162384	38.203	ng		96
49) Acenaphthylene	13.88	152	773783	37.713	ng		99
50) Dimethylphthalate	13.63	163	604095	38.369	ng		100
51) 2,6-Dinitrotoluene	13.77	165	130258	37.414	ng	#	80
52) Acenaphthene	14.22	154	446914	39.285	ng		99
53) 3-Nitroaniline	14.12	138	91032	26.186	ng		100
54) 2,4-Dinitrophenol	14.36	184	116084	58.096	ng		92
55) Dibenzofuran	14.56	168	724120	38.925	ng		96
56) 4-Nitrophenol	14.46	139	161845	60.540	ng		91
57) 2,4-Dinitrotoluene	14.59	165	180099	35.988	ng		98
58) Fluorene	15.22	166	593579	37.656	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	145166	40.947	ng		98
60) Diethylphthalate	15.00	149	618332	37.762	ng		99
61) 4-Chlorophenyl-phenylether	15.22	204	295945	38.994	ng		95
62) 4-Nitroaniline	15.30	138	107471	31.378	ng		86
63) Azobenzene	15.51	77	686203	39.209	ng		98
65) 4,6-Dinitro-2-methylphenol	15.36	198	75270	31.568	ng		94
66) n-Nitrosodiphenylamine	15.44	169	495578	40.563	ng		99
67) 4-Bromophenyl-phenylether	16.12	248	171302	39.870	ng		99
68) Hexachlorobenzene	16.22	284	207202	40.191	ng		96
69) Atrazine	16.41	200	163388	39.394	ng		99
70) Pentachlorophenol	16.59	266	201636	76.548	ng		97
71) Phenanthrene	16.97	178	886852	39.990	ng		99
72) Anthracene	17.06	178	888764	40.260	ng		100
73) Carbazole	17.36	167	798703	38.752	ng		99
74) Di-n-butylphthalate	17.89	149	1011116	37.355	ng		99
75) Fluoranthene	19.00	202	1022658	40.070	ng		98
77) Benzidine	19.22	184	434896	35.187	ng		99
78) Pyrene	19.37	202	1064616	35.889	ng		100
80) Butylbenzylphthalate	20.28	149	505226	35.129	ng		97
81) Benzo(a)anthracene	21.13	228	1060706	37.380	ng		99
82) 3,3'-Dichlorobenzidine	21.08	252	364596	34.534	ng		99
83) Chrysene	21.19	228	1059478	38.933	ng		100
84) Bis(2-ethylhexyl)phthalate	21.04	149	722495	33.744	ng		100
85) Di-n-octyl phthalate	21.91	149	1336369	38.466	ng		100
86) Indeno(1,2,3-cd)pyrene	25.51	276	1737238	64.894	ng		98
88) Benzo(b)fluoranthene	22.67	252	1324409	43.564	ng		99
89) Benzo(k)fluoranthene	22.72	252	1234583	43.135	ng		99
90) Benzo(a)pyrene	23.23	252	1249894	46.400	ng		98
91) Dibenzo(a,h)anthracene	25.51	278	1476999	56.871	ng		98
92) Benzo(g,h,i)perylene	26.18	276	1391973	59.175	ng		98

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

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