Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032119\
Data File : BM019305.D
Acq On : 21 Mar 2019 23:58
Operator : JU/SJ
Sample : K2002-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-1(2-10)-COMPMSD

Manual Integrations APPROVED
Sohil
3/22/2019 3:45:45 PM

Quant Time: Mar 22 05:09:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	209232	20.00	ng		-0.04
21) Naphthalene-d8	10.41	136	954774	20.00	ng		-0.04
39) Acenaphthene-d10	14.29	164	530396	20.00	ng		-0.04
64) Phenanthrene-d10	17.04	188	1052530	20.00	ng		-0.03
76) Chrysene-d12	21.25	240	770869	20.00	ng		-0.02
87) Perylene-d12	23.47	264	843251	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1957442	151.51	ng		-0.02
7) Phenol-d6	6.82	99	2790785	147.68	ng		-0.02
23) Nitrobenzene-d5	8.80	82	1693067	83.82	ng		-0.04
42) 2,4,6-Tribromophenol	15.79	330	1063972	135.86	ng		-0.03
45) 2-Fluorobiphenyl	12.90	172	3701771	90.78	ng		-0.04
79) Terphenyl-d14	19.69	244	3956979	101.90	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	204844	35.641	ng		100
3) Pyridine	3.59	79	582721	37.267	ng		99
4) n-Nitrosodimethylamine	3.52	42	205193	42.211	ng		96
6) Aniline	6.98	93	445522	18.260	ng		99
8) 2-Chlorophenol	7.20	128	725594	46.735	ng		98
9) Benzaldehyde	6.79	77	205296	17.271	ng		99
10) Phenol	6.85	94	1144849	56.212	ng		98
11) bis(2-Chloroethyl)ether	7.07	93	649690	41.805	ng		97
12) 1,3-Dichlorobenzene	7.52	146	662130	40.300	ng		98
13) 1,4-Dichlorobenzene	7.66	146	688730	41.117	ng		98
14) 1,2-Dichlorobenzene	7.97	146	675873	41.472	ng		99
15) Benzyl Alcohol	7.89	79	662012	42.327	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.16	45	606661	38.231	ng		98
17) 2-Methylphenol	8.08	107	624026	47.019	ng		98
18) Hexachloroethane	8.69	117	234778	37.719	ng		92
19) n-Nitroso-di-n-propylamine	8.45	70	592923	38.244	ng		97
20) 3+4-Methylphenols	8.41	107	816917	45.347	ng		98
22) Acetophenone	8.46	105	1011559	38.337	ng	#	99
24) Nitrobenzene	8.85	77	880065	41.895	ng		96
25) Isophorone	9.36	82	1662290	43.130	ng		100
26) 2-Nitrophenol	9.54	139	400220	45.963	ng		99
27) 2,4-Dimethylphenol	9.60	122	695215	53.706	ng		98
28) bis(2-Chloroethoxy)methane	9.84	93	1051946	46.095	ng		99
29) 2,4-Dichlorophenol	10.07	162	730823	50.976	ng		99
30) 1,2,4-Trichlorobenzene	10.27	180	735502	45.497	ng		99
31) Naphthalene	10.46	128	2255537	44.821	ng		99
32) Benzoic acid	9.73	122	100719	9.187	ng		97
33) 4-Chloroaniline	10.60	127	203686	9.874	ng		99
34) Hexachlorobutadiene	10.72	225	388536	41.882	ng		99
35) Caprolactam	11.43	113	312754m	61.240	ng		
36) 4-Chloro-3-methylphenol	11.73	107	797560	45.086	ng		98
37) 2-Methylnaphthalene	12.09	142	1655464	45.270	ng		99
38) 1-Methylnaphthalene	12.30	142	1585033	43.974	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	797975	47.561	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	745944	98.155 ng	99
43) 2,4,6-Trichlorophenol	12.71	196	574053	52.945 ng	99
44) 2,4,5-Trichlorophenol	12.79	196	606388	52.301 ng	97
46) 1,1'-Biphenyl	13.12	154	2123755	45.849 ng	98
47) 2-Chloronaphthalene	13.16	162	1641350	47.472 ng	99
48) 2-Nitroaniline	13.39	65	518589	44.723 ng	94
49) Acenaphthylene	14.01	152	2599796	44.471 ng	99
50) Dimethylphthalate	13.76	163	2361854	52.054 ng	99
51) 2,6-Dinitrotoluene	13.89	165	446718	45.545 ng	90
52) Acenaphthene	14.35	154	1493738	44.467 ng	99
53) 3-Nitroaniline	14.23	138	237439	22.857 ng	95
54) 2,4-Dinitrophenol	14.43	184	315218	55.339 ng	97
55) Dibenzofuran	14.69	168	2384989	44.025 ng	98
56) 4-Nitrophenol	14.55	139	665735	78.491 ng	91
57) 2,4-Dinitrotoluene	14.69	165	610405	42.873 ng	98
58) Fluorene	15.34	166	1948234	43.629 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	503374	46.636 ng	95
60) Diethylphthalate	15.13	149	2021968	44.001 ng	99
61) 4-Chlorophenyl-phenylether	15.34	204	979349	45.157 ng	96
62) 4-Nitroaniline	15.40	138	386225	36.892 ng	96
63) Azobenzene	15.63	77	2070677	42.822 ng	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	284551	41.256 ng	93
66) n-Nitrosodiphenylamine	15.56	169	1682351	50.206 ng	99
67) 4-Bromophenyl-phenylether	16.23	248	571955	49.278 ng	97
68) Hexachlorobenzene	16.34	284	676278	49.009 ng	97
69) Atrazine	16.53	200	553530	49.072 ng	100
70) Pentachlorophenol	16.69	266	721871	86.828 ng	99
71) Phenanthrene	17.09	178	2780758	45.075 ng	99
72) Anthracene	17.18	178	2792871	46.244 ng	99
73) Carbazole	17.46	167	2381827	41.785 ng	98
74) Di-n-butylphthalate	18.02	149	3196315	46.371 ng	99
75) Fluoranthene	19.12	202	2691834	38.026 ng	98
77) Benzidine	19.32	184	1067747	48.840 ng	100
78) Pyrene	19.48	202	2629549	53.913 ng	99
80) Butylbenzylphthalate	20.39	149	1129269	53.158 ng	97
81) Benzo(a)anthracene	21.23	228	2142005	44.292 ng	99
82) 3,3'-Dichlorobenzidine	21.17	252	566754	30.421 ng	99
83) Chrysene	21.29	228	2103734	44.964 ng	100
84) Bis(2-ethylhexyl)phthalate	21.15	149	1745627	56.482 ng	100
85) Di-n-octyl phthalate	22.03	149	2639242	50.713 ng	100
86) Indeno(1,2,3-cd)pyrene	25.73	276	2929647	58.169 ng	100
88) Benzo(b)fluoranthene	22.81	252	2314237	42.354 ng	100
89) Benzo(k)fluoranthene	22.85	252	2282934	45.425 ng	99
90) Benzo(a)pyrene	23.38	252	2283632	46.506 ng	100
91) Dibenzo(a,h)anthracene	25.74	278	2503753	53.302 ng	99
92) Benzo(g,h,i)perylene	26.43	276	2415263	56.006 ng	99

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

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