Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
Data File : BM019958.D
Acq On : 18 Apr 2019 17:53
Operator : JU/SJ
Sample : PB119018BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB119018BS

Manual Integrations APPROVED
Sohil
4/22/2019 2:53:12 AM

Quant Time: Apr 19 01:04:20 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	7.51	152	93599	20.00	ng		0.00
21) Naphthalene-d8	10.29	136	379382	20.00	ng		0.00
39) Acenaphthene-d10	14.18	164	209520	20.00	ng		0.00
64) Phenanthrene-d10	16.94	188	465092	20.00	ng		0.00
76) Chrysene-d12	21.16	240	525073	20.00	ng		0.00
87) Perylene-d12	23.35	264	498089	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	826571	143.12	ng		0.00
7) Phenol-d6	6.71	99	1102259	126.81	ng		0.00
23) Nitrobenzene-d5	8.69	82	637508	75.15	ng		0.00
42) 2,4,6-Tribromophenol	15.69	330	434400	128.80	ng		0.00
45) 2-Fluorobiphenyl	12.78	172	1257199	74.78	ng		0.00
79) Terphenyl-d14	19.59	244	2033883	68.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	145370	58.328	ng		99
3) Pyridine	3.50	79	236329	33.859	ng		97
4) n-Nitrosodimethylamine	3.42	42	95701	42.563	ng	#	93
6) Aniline	6.86	93	321145	28.606	ng		100
8) 2-Chlorophenol	7.08	128	292481	40.717	ng		99
9) Benzaldehyde	6.69	77	85278	14.010	ng		99
10) Phenol	6.73	94	388135	40.871	ng		93
11) bis(2-Chloroethyl)ether	6.96	93	263706	37.953	ng		99
12) 1,3-Dichlorobenzene	7.39	146	293599	38.933	ng		97
13) 1,4-Dichlorobenzene	7.55	146	303816	39.708	ng		99
14) 1,2-Dichlorobenzene	7.85	146	294626	38.836	ng		99
15) Benzyl Alcohol	7.77	79	290015	36.702	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.04	45	243607	36.779	ng		97
17) 2-Methylphenol	7.97	107	245645	39.083	ng		96
18) Hexachloroethane	8.56	117	115574	38.860	ng		97
19) n-Nitroso-di-n-propylamine	8.32	70	256338	33.550	ng		98
20) 3+4-Methylphenols	8.30	107	325153	37.660	ng		98
22) Acetophenone	8.35	105	434809	42.079	ng	#	98
24) Nitrobenzene	8.73	77	364250	41.449	ng		98
25) Isophorone	9.24	82	638795	38.683	ng		100
26) 2-Nitrophenol	9.43	139	149283	39.862	ng		96
27) 2,4-Dimethylphenol	9.49	122	255902	48.328	ng		99
28) bis(2-Chloroethoxy)methane	9.72	93	358741	38.795	ng		99
29) 2,4-Dichlorophenol	9.96	162	255762	42.529	ng		98
30) 1,2,4-Trichlorobenzene	10.15	180	274519	42.412	ng		99
31) Naphthalene	10.33	128	845143	41.532	ng		99
32) Benzoic acid	9.68	122	172319	35.968	ng		96
33) 4-Chloroaniline	10.49	127	205691	24.537	ng		98
34) Hexachlorobutadiene	10.59	225	157257	41.194	ng		99
35) Caprolactam	11.32	113	80668m	35.437	ng		
36) 4-Chloro-3-methylphenol	11.62	107	291426	39.000	ng		100
37) 2-Methylnaphthalene	11.96	142	605913	40.899	ng		99
38) 1-Methylnaphthalene	12.19	142	575647	39.353	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.34	216	279568	43.253	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	186613	81.323 ng	97
43) 2,4,6-Trichlorophenol	12.60	196	197200	45.001 ng	99
44) 2,4,5-Trichlorophenol	12.69	196	203477	44.614 ng	98
46) 1,1'-Biphenyl	13.00	154	770945	42.483 ng	99
47) 2-Chloronaphthalene	13.05	162	597850	43.190 ng	99
48) 2-Nitroaniline	13.29	65	212231	42.536 ng	99
49) Acenaphthylene	13.90	152	974440	40.460 ng	100
50) Dimethylphthalate	13.65	163	766012	41.449 ng	99
51) 2,6-Dinitrotoluene	13.79	165	165944	40.606 ng	91
52) Acenaphthene	14.25	154	557838	41.774 ng	99
53) 3-Nitroaniline	14.14	138	116336	28.509 ng	91
54) 2,4-Dinitrophenol	14.36	184	182460	75.256 ng	96
55) Dibenzofuran	14.59	168	907278	41.548 ng	99
56) 4-Nitrophenol	14.47	139	236213	73.847 ng	95
57) 2,4-Dinitrotoluene	14.60	165	237832	40.486 ng	99
58) Fluorene	15.24	166	744520	40.237 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.82	232	181497	43.613 ng	99
60) Diethylphthalate	15.02	149	801212	41.684 ng	99
61) 4-Chlorophenyl-phenylether	15.23	204	359998	40.409 ng	94
62) 4-Nitroaniline	15.32	138	150009	37.311 ng	98
63) Azobenzene	15.53	77	866355	42.172 ng	99
65) 4,6-Dinitro-2-methylphenol	15.37	198	112531	37.922 ng	94
66) n-Nitrosodiphenylamine	15.46	169	631216	41.514 ng	100
67) 4-Bromophenyl-phenylether	16.13	248	212122	39.670 ng	99
68) Hexachlorobenzene	16.24	284	259997	40.523 ng	99
69) Atrazine	16.43	200	216881	42.017 ng	98
70) Pentachlorophenol	16.60	266	279461	85.247 ng	98
71) Phenanthrene	16.99	178	1123770	40.716 ng	99
72) Anthracene	17.08	178	1148958	41.820 ng	100
73) Carbazole	17.37	167	1048928	40.893 ng	100
74) Di-n-butylphthalate	17.92	149	1375272	40.825 ng	100
75) Fluoranthene	19.02	202	1308272	41.189 ng	99
77) Benzidine	19.23	184	438421	30.262 ng	98
78) Pyrene	19.39	202	1342618	38.612 ng	100
80) Butylbenzylphthalate	20.29	149	661154	39.219 ng	100
81) Benzo(a)anthracene	21.14	228	1307872	39.320 ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	417663	33.750 ng	98
83) Chrysene	21.20	228	1281391	40.171 ng	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	982232	39.137 ng	100
85) Di-n-octyl phthalate	21.93	149	1709957	41.990 ng	99
86) Indeno(1,2,3-cd)pyrene	25.54	276	1827224	58.230 ng	100
88) Benzo(b)fluoranthene	22.69	252	1464715	44.286 ng	99
89) Benzo(k)fluoranthene	22.74	252	1418158	45.546 ng	99
90) Benzo(a)pyrene	23.26	252	1398772	47.731 ng	99
91) Dibenzo(a,h)anthracene	25.55	278	1559606	55.199 ng	99
92) Benzo(g,h,i)perylene	26.22	276	1486072	58.070 ng	100

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

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