Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
Data File : BM019019.D
Acq On : 04 Mar 2019 20:53
Operator : JU/SJ
Sample : K1712-19MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
Z-2-4MSD

Manual Integrations APPROVED
Sohil
3/5/2019 5:23:53 PM

Quant Time: Mar 05 04:16:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	277566	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	1155592	20.00	ng		0.00
39) Acenaphthene-d10	14.33	164	631852	20.00	ng		0.00
64) Phenanthrene-d10	17.09	188	1270961	20.00	ng		0.00
76) Chrysene-d12	21.28	240	999999	20.00	ng		0.00
87) Perylene-d12	23.53	264	973055	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1716569	101.33	ng		0.00
7) Phenol-d6	6.86	99	2446639	102.52	ng		0.00
23) Nitrobenzene-d5	8.85	82	1539407	61.60	ng		0.00
42) 2,4,6-Tribromophenol	15.83	330	843435	92.60	ng		0.00
45) 2-Fluorobiphenyl	12.95	172	2913770	61.22	ng		0.00
79) Terphenyl-d14	19.72	244	3502990	72.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	183504	24.870	ng		98
3) Pyridine	3.63	79	513211	25.500	ng		99
4) n-Nitrosodimethylamine	3.55	42	170730	33.346	ng		98
6) Aniline	7.02	93	337712	11.549	ng		98
8) 2-Chlorophenol	7.25	128	617547	33.203	ng		99
9) Benzaldehyde	6.84	77	467805	34.581	ng		99
10) Phenol	6.89	94	896606	35.706	ng		98
11) bis(2-Chloroethyl)ether	7.12	93	581621	30.364	ng		99
12) 1,3-Dichlorobenzene	7.56	146	605824	28.968	ng		98
13) 1,4-Dichlorobenzene	7.72	146	622169	29.222	ng		99
14) 1,2-Dichlorobenzene	8.03	146	604257	29.546	ng		99
15) Benzyl Alcohol	7.93	79	589744	31.100	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.21	45	587784	31.705	ng		97
17) 2-Methylphenol	8.12	107	532711	33.332	ng		98
18) Hexachloroethane	8.74	117	224340	28.864	ng		98
19) n-Nitroso-di-n-propylamine	8.49	70	553190	29.938	ng		99
20) 3+4-Methylphenols	8.46	107	716379	32.461	ng		100
22) Acetophenone	8.51	105	911801	28.732	ng	#	99
24) Nitrobenzene	8.89	77	773582	29.820	ng		98
25) Isophorone	9.41	82	1361160	34.134	ng		99
26) 2-Nitrophenol	9.59	139	325596	31.517	ng		98
27) 2,4-Dimethylphenol	9.65	122	548994	36.384	ng		99
28) bis(2-Chloroethoxy)methane	9.89	93	812072	31.492	ng		100
29) 2,4-Dichlorophenol	10.12	162	562122	32.444	ng		99
30) 1,2,4-Trichlorobenzene	10.33	180	585259	29.250	ng		99
31) Naphthalene	10.52	128	1808851	32.095	ng		99
32) Benzoic acid	9.76	122	94421m	7.174	ng		
33) 4-Chloroaniline	10.65	127	112426	4.463	ng		98
34) Hexachlorobutadiene	10.78	225	313905	27.028	ng		99
35) Caprolactam	11.45	113	168483m	23.828	ng		
36) 4-Chloro-3-methylphenol	11.77	107	630478	30.182	ng		100
37) 2-Methylnaphthalene	12.13	142	1310609	33.029	ng		99
38) 1-Methylnaphthalene	12.36	142	1237409	31.890	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	617115	30.532	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
Data File : BM019019.D
Acq On : 04 Mar 2019 20:53
Operator : JU/SJ
Sample : K1712-19MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
Z-2-4MSD

Manual Integrations APPROVED
Sohil
3/5/2019 5:23:53 PM

Quant Time: Mar 05 04:16:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	635304	61.477 ng	97
43) 2,4,6-Trichlorophenol	12.76	196	441508	32.996 ng	99
44) 2,4,5-Trichlorophenol	12.83	196	453735	32.353 ng	99
46) 1,1'-Biphenyl	13.16	154	1655205	30.433 ng	100
47) 2-Chloronaphthalene	13.20	162	1276587	30.389 ng	100
48) 2-Nitroaniline	13.43	65	422535	30.285 ng	96
49) Acenaphthylene	14.05	152	2039410	32.604 ng	99
50) Dimethylphthalate	13.80	163	1805165	34.281 ng	99
51) 2,6-Dinitrotoluene	13.93	165	351860	30.846 ng	97
52) Acenaphthene	14.40	154	1178231	30.719 ng	100
53) 3-Nitroaniline	14.26	138	158062	12.264 ng	98
54) 2,4-Dinitrophenol	14.47	184	292241	43.230 ng	98
55) Dibenzofuran	14.73	168	1891221	29.999 ng	99
56) 4-Nitrophenol	14.57	139	558520	54.285 ng	96
57) 2,4-Dinitrotoluene	14.72	165	477840	30.403 ng	98
58) Fluorene	15.39	166	1505205	31.209 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	394841	31.851 ng	100
60) Diethylphthalate	15.16	149	1588928	29.252 ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	746914	27.621 ng	99
62) 4-Nitroaniline	15.43	138	307506	24.337 ng	98
63) Azobenzene	15.67	77	1680560	28.855 ng	98
65) 4,6-Dinitro-2-methylphenol	15.48	198	229632	25.733 ng	94
66) n-Nitrosodiphenylamine	15.60	169	1325615	33.013 ng	99
67) 4-Bromophenyl-phenylether	16.28	248	436570	30.688 ng	97
68) Hexachlorobenzene	16.38	284	504132	30.487 ng	96
69) Atrazine	16.56	200	428682	33.115 ng	99
70) Pentachlorophenol	16.73	266	584953	54.940 ng	99
71) Phenanthrene	17.13	178	2189103	32.050 ng	99
72) Anthracene	17.22	178	2208715	33.223 ng	100
73) Carbazole	17.50	167	1980386	28.512 ng	99
74) Di-n-butylphthalate	18.05	149	2531809	31.695 ng	100
75) Fluoranthene	19.15	202	2235721	28.336 ng	99
77) Benzidine	19.35	184	928158	41.212 ng	100
78) Pyrene	19.52	202	2246471	38.680 ng	100
80) Butylbenzylphthalate	20.42	149	1025551	38.746 ng	98
81) Benzo(a)anthracene	21.26	228	1834956	31.479 ng	100
82) 3,3'-Dichlorobenzidine	21.20	252	457066	19.840 ng	100
83) Chrysene	21.32	228	1763402	31.562 ng	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	1468125	37.897 ng	99
85) Di-n-octyl phthalate	22.07	149	2244319	34.469 ng	99
86) Indeno(1,2,3-cd)pyrene	25.80	276	2167313	33.598 ng	100
88) Benzo(b)fluoranthene	22.85	252	1773468	31.856 ng	99
89) Benzo(k)fluoranthene	22.89	252	1804902	32.565 ng	100
90) Benzo(a)pyrene	23.43	252	1734188	32.882 ng	99
91) Dibenzo(a,h)anthracene	25.81	278	1839594	35.207 ng	98
92) Benzo(g,h,i)perylene	26.50	276	1767320	36.331 ng	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
Data File : BM019019.D
Acq On : 04 Mar 2019 20:53
Operator : JU/SJ
Sample : K1712-19MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 05 04:16:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
Z-2-4MSD

Manual Integrations APPROVED
Sohil
3/5/2019 5:23:53 PM