Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
Data File : BP001485.D
Acq On : 28 Dec 2019 20:01
Operator : JU
Sample : K6113-15MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-122619MSD

Manual Integrations APPROVED
mohammad
12/30/2019 2:09:43 PM

Quant Time: Dec 30 10:58:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 16:04:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	20740	20.00	ng		-0.01
21) Naphthalene-d8	10.31	136	74447	20.00	ng		-0.01
39) Acenaphthene-d10	13.17	164	46194	20.00	ng		0.00
64) Phenanthrene-d10	15.58	188	96115	20.00	ng		0.00
76) Chrysene-d12	19.23	240	79008	20.00	ng		0.00
87) Perylene-d12	21.01	264	69581	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	154116	120.10	ng		0.00
7) Phenol-d6	7.75	99	194237	116.00	ng		0.00
23) Nitrobenzene-d5	9.16	82	160928	83.01	ng		-0.01
42) 2,4,6-Tribromophenol	14.48	330	87870	152.15	ng		0.00
45) 2-Fluorobiphenyl	12.09	172	321576	88.03	ng		0.00
79) Terphenyl-d14	17.87	244	469248	101.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	17127	32.430	ng		95
3) Pyridine	3.46	79	27627m	19.150	ng		
4) n-Nitrosodimethylamine	3.34	42	38616	42.272	ng		93
6) Aniline	7.76	93	26375	12.512	ng	#	1
8) 2-Chlorophenol	7.95	128	61364	47.565	ng		93
9) Benzaldehyde	7.57	77	25311	21.548	ng		98
10) Phenol	7.76	94	66344	34.676	ng		81
11) bis(2-Chloroethyl)ether	7.89	93	58271	43.051	ng		90
12) 1,3-Dichlorobenzene	8.18	146	65186	40.565	ng		96
13) 1,4-Dichlorobenzene	8.30	146	69363	42.367	ng		99
14) 1,2-Dichlorobenzene	8.54	146	66964	42.934	ng		98
15) Benzyl Alcohol	8.52	79	59476	37.854	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.75	45	71236	33.231	ng		87
17) 2-Methylphenol	8.72	107	51953	45.572	ng		95
18) Hexachloroethane	9.08	117	26795	38.473	ng		96
19) n-Nitroso-di-n-propylamine	8.95	70	50915	42.831	ng		95
20) 3+4-Methylphenols	8.96	107	67325	44.503	ng		98
22) Acetophenone	8.93	105	100260	42.587	ng	#	98
24) Nitrobenzene	9.19	77	81358	42.639	ng		97
25) Isophorone	9.59	82	134014	42.991	ng		99
26) 2-Nitrophenol	9.70	139	33889	49.808	ng		96
27) 2,4-Dimethylphenol	9.80	122	54791	54.752	ng		100
28) bis(2-Chloroethoxy)methane	9.95	93	74923	40.242	ng		99
29) 2,4-Dichlorophenol	10.10	162	60768	49.042	ng		99
30) 1,2,4-Trichlorobenzene	10.23	180	66935	43.917	ng		98
31) Naphthalene	10.35	128	185665	45.687	ng		99
32) Benzoic acid	10.01	122	30913	39.232	ng		90
33) 4-Chloroaniline	10.45	127	14495	8.722	ng		95
34) Hexachlorobutadiene	10.57	225	41954	39.465	ng		95
35) Caprolactam	11.02	113	13343m	36.189	ng		
36) 4-Chloro-3-methylphenol	11.27	107	66510	45.932	ng		98
37) 2-Methylnaphthalene	11.47	142	137100	48.868	ng		98
38) 1-Methylnaphthalene	11.63	142	127660	48.400	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.76	216	76882	45.012	ng	#	98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
Data File : BP001485.D
Acq On : 28 Dec 2019 20:01
Operator : JU
Sample : K6113-15MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-122619MSD

Manual Integrations APPROVED
mohammad
12/30/2019 2:09:43 PM

Quant Time: Dec 30 10:58:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 16:04:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.75	237	86489	102.381 ng	95
43) 2,4,6-Trichlorophenol	11.95	196	48547	46.216 ng	98
44) 2,4,5-Trichlorophenol	12.02	196	52989	49.097 ng	97
46) 1,1'-Biphenyl	12.25	154	176391	45.630 ng	99
47) 2-Chloronaphthalene	12.27	162	138260	44.242 ng	98
48) 2-Nitroaniline	12.45	65	47718	38.132 ng	95
49) Acenaphthylene	12.95	152	217867	47.691 ng	99
50) Dimethylphthalate	12.78	163	168843	44.553 ng	99
51) 2,6-Dinitrotoluene	12.86	165	36682	47.669 ng	87
52) Acenaphthene	13.23	154	127814	46.437 ng	98
53) 3-Nitroaniline	13.12	138	11276	13.653 ng	94
54) 2,4-Dinitrophenol	13.30	184	36401	122.505 ng	88
55) Dibenzofuran	13.52	168	206722	47.935 ng	97
56) 4-Nitrophenol	13.45	139	45606	77.221 ng	96
57) 2,4-Dinitrotoluene	13.52	165	52017	48.635 ng	97
58) Fluorene	14.08	166	166027	48.133 ng	97
59) 2,3,4,6-Tetrachlorophenol	13.73	232	44008	47.494 ng	95
60) Diethylphthalate	13.95	149	166984	42.720 ng	99
61) 4-Chlorophenyl-phenylether	14.10	204	87353	48.176 ng	98
62) 4-Nitroaniline	12.45	138	41189	43.065 ng	90
63) Azobenzene	14.36	77	170505	41.434 ng	93
65) 4,6-Dinitro-2-methylphenol	14.19	198	26230	60.935 ng	93
66) n-Nitrosodiphenylamine	14.30	169	124411	40.829 ng	98
67) 4-Bromophenyl-phenylether	14.90	248	53700	47.256 ng	97
68) Hexachlorobenzene	14.98	284	58878	45.512 ng	97
69) Atrazine	15.19	200	25017	22.857 ng	97
70) Pentachlorophenol	15.30	266	64078	96.586 ng	95
71) Phenanthrene	15.62	178	252233	45.997 ng	100
72) Anthracene	15.70	178	258262	47.576 ng	100
73) Carbazole	15.95	167	192303	39.734 ng	99
74) Di-n-butylphthalate	16.50	149	273838	41.231 ng	99
75) Fluoranthene	17.33	202	293721	47.902 ng	98
78) Pyrene	17.64	202	291130	47.458 ng	98
80) Butylbenzylphthalate	18.53	149	115713	40.460 ng	93
81) Benzo(a)anthracene	19.22	228	269041	46.731 ng	99
82) 3,3'-Dichlorobenzidine	19.19	252	16840	8.424 ng	99
83) Chrysene	19.27	228	260813	46.934 ng	99
84) Bis(2-ethylhexyl)phthalate	19.27	149	168478	40.146 ng	99
85) Di-n-octyl phthalate	20.06	149	283341	40.736 ng	99
86) Indeno(1,2,3-cd)pyrene	22.67	276	266762	44.449 ng	99
88) Benzo(b)fluoranthene	20.53	252	268153	58.682 ng	98
89) Benzo(k)fluoranthene	20.56	252	237780	54.625 ng	99
90) Benzo(a)pyrene	20.94	252	220060	52.864 ng	99
91) Dibenzo(a,h)anthracene	22.70	278	231342	56.839 ng	99
92) Benzo(g,h,i)perylene	23.17	276	212016	54.514 ng	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
Data File : BP001485.D
Acq On : 28 Dec 2019 20:01
Operator : JU
Sample : K6113-15MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 30 10:58:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 16:04:49 2019
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
OR-03-122619MSD

Manual Integrations APPROVED
mohammad
12/30/2019 2:09:43 PM