Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041820.D
Acq On : 31 Jul 2019 2:58
Operator : HP/JU
Sample : K4021-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-10

Quant Time: Jul 31 04:12:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 07:53:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	84661	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	320485	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	245455	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	711609	20.00	ng		0.00
76) Chrysene-d12	21.73	240	712539	20.00	ng		0.00
87) Perylene-d12	25.00	264	837483	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	524116	120.45	ng		0.00
7) Phenol-d6	7.19	99	652388	111.21	ng		0.00
23) Nitrobenzene-d5	9.20	82	473639	101.70	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	494573	177.39	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1291909	92.83	ng		0.00
79) Terphenyl-d14	20.07	244	2662631	85.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	6451	3.150	ng	#	1
3) Pyridine	3.89	79	16970	3.022	ng		86
4) n-Nitrosodimethylamine	3.79	42	4781	2.147	ng	#	92
8) 2-Chlorophenol	7.60	128	15057	3.022	ng		96
9) Benzaldehyde	7.18	77	10678	2.587	ng	#	73
10) Phenol	7.22	94	18615	3.050	ng		87
11) bis(2-Chloroethyl)ether	7.45	93	12876	2.566	ng		98
12) 1,3-Dichlorobenzene	7.93	146	18186	2.796	ng		95
13) 1,4-Dichlorobenzene	8.08	146	17816	2.738	ng		96
14) 1,2-Dichlorobenzene	8.41	146	16880	2.719	ng		95
15) Benzyl Alcohol	8.28	79	10424	2.259	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	23629	2.647	ng		97
17) 2-Methylphenol	8.48	107	11917	2.685	ng		94
18) Hexachloroethane	9.14	117	6358	2.853	ng	#	77
19) n-Nitroso-di-n-propylamine	8.85	70	10748	2.524	ng	#	85
20) 3+4-Methylphenols	8.80	107	15374	2.531	ng		91
22) Acetophenone	8.86	105	23012	3.210	ng	#	91
24) Nitrobenzene	9.25	77	16042	3.270	ng		97
25) Isophorone	9.77	82	28037	2.767	ng		99
26) 2-Nitrophenol	9.97	139	6596	2.897	ng		99
27) 2,4-Dimethylphenol	10.02	122	12014	2.989	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	16998	2.685	ng	#	95
29) 2,4-Dichlorophenol	10.51	162	15006	3.066	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	17645	2.843	ng		95
31) Naphthalene	10.92	128	45590	3.108	ng		97
32) Benzoic acid	10.29	122	737	8.938	ng		90
34) Hexachlorobutadiene	11.21	225	12044	2.875	ng		95
35) Caprolactam	11.76	113	6852	4.029	ng	#	52
36) 4-Chloro-3-methylphenol	12.14	107	17027	3.509	ng		98
37) 2-Methylnaphthalene	12.53	142	34792	2.997	ng		92
38) 1-Methylnaphthalene	12.75	142	35211	3.200	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	23181	2.984	ng		96
43) 2,4,6-Trichlorophenol	13.13	196	12111	2.466	ng		89
44) 2,4,5-Trichlorophenol	13.20	196	15755	3.087	ng		94

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041820.D
Acq On : 31 Jul 2019 2:58
Operator : HP/JU
Sample : K4021-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-10

Quant Time: Jul 31 04:12:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 07:53:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.53	154	48799	3.093	ng		95
47) 2-Chloronaphthalene	13.58	162	37199	2.769	ng		99
48) 2-Nitroaniline	13.76	65	10655	3.127	ng		97
49) Acenaphthylene	14.42	152	62940	3.132	ng		93
50) Dimethylphthalate	14.15	163	84866	5.063	ng		97
51) 2,6-Dinitrotoluene	14.26	165	10985	3.134	ng	#	86
52) Acenaphthene	14.76	154	38339	2.933	ng		95
54) 2,4-Dinitrophenol	14.80	184	2326	4.780	ng		86
55) Dibenzofuran	15.10	168	67746	3.389	ng		90
56) 4-Nitrophenol	14.90	139	9153	3.215	ng	#	79
57) 2,4-Dinitrotoluene	15.04	165	15195	3.152	ng	#	98
58) Fluorene	15.75	166	57117	3.560	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.33	232	13855	2.741	ng	#	94
60) Diethylphthalate	15.51	149	58852	3.576	ng		96
61) 4-Chlorophenyl-phenylether	15.74	204	31284	3.194	ng		89
62) 4-Nitroaniline	15.75	138	13154	3.238	ng		85
63) Azobenzene	16.03	77	45368	3.375	ng		94
65) 4,6-Dinitro-2-methylphenol	15.81	198	5555	8.220	ng		82
66) n-Nitrosodiphenylamine	15.95	169	55772	2.877	ng		93
67) 4-Bromophenyl-phenylether	16.64	248	23180	2.644	ng		98
68) Hexachlorobenzene	16.76	284	23349	2.546	ng	#	91
71) Phenanthrene	17.49	178	114176	3.347	ng		92
72) Anthracene	17.58	178	112784	3.315	ng		93
73) Carbazole	17.85	167	106889	3.501	ng	#	89
74) Di-n-butylphthalate	18.42	149	136631	3.947	ng	#	92
75) Fluoranthene	19.50	202	155748	3.757	ng		87
77) Benzidine	20.07	184	47492	2.042	ng	#	90
78) Pyrene	19.86	202	159028	3.767	ng	#	88
80) Butylbenzylphthalate	20.76	149	48792	3.014	ng		88
81) Benzo(a)anthracene	21.78	228	134509	3.191	ng		92
83) Chrysene	21.78	228	134509	3.329	ng	#	88
84) Bis(2-ethylhexyl)phthalate	21.63	149	75849	3.397	ng		95
85) Di-n-octyl phthalate	22.86	149	118105	3.143	ng		96
86) Indeno(1,2,3-cd)pyrene	28.73	276	155040	2.898	ng	#	91
88) Benzo(b)fluoranthene	23.96	252	142528	3.111	ng	#	95
89) Benzo(k)fluoranthene	24.03	252	134235	3.008	ng	#	92
90) Benzo(a)pyrene	24.84	252	133869	3.047	ng	#	92
91) Dibenzo(a,h)anthracene	28.80	278	126747	2.938	ng	#	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041820.D
Acq On : 31 Jul 2019 2:58
Operator : HP/JU
Sample : K4021-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-10

Quant Time: Jul 31 04:12:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 07:53:52 2019
Response via : Initial Calibration