Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
Data File : BF108567.D
Acq On : 28 Aug 2018 20:34
Operator : JU/SJ
Sample : J4535-04MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-FL-036MS

Quant Time: Aug 29 01:35:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	102712	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	384048	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	179115	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	292061	20.00	ng		0.00
75) Chrysene-d12	14.20	240	238942	20.00	ng		0.00
86) Perylene-d12	15.75	264	194597	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	660507	116.42	ng		0.01
7) Phenol-d6	6.64	99	866868	114.98	ng		0.01
23) Nitrobenzene-d5	7.57	82	569739	82.78	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	202714	113.46	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	939529	84.21	ng		0.00
78) Terphenyl-d14	13.12	244	783347	83.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	83371	28.599	ng		88
3) Pyridine	3.71	79	216927	28.888	ng		87
4) n-Nitrosodimethylamine	3.67	42	127384	30.147	ng		82
6) Aniline	6.67	93	253835	24.753	ng	#	80
8) 2-Chlorophenol	6.80	128	251704	39.393	ng		98
9) Benzaldehyde	6.56	77	123313	21.097	ng		98
10) Phenol	6.65	94	313818	40.242	ng		88
11) bis(2-Chloroethyl)ether	6.74	93	231502	36.720	ng		96
12) 1,3-Dichlorobenzene	6.94	146	282273	38.206	ng		97
13) 1,4-Dichlorobenzene	7.02	146	291939	39.329	ng		98
14) 1,2-Dichlorobenzene	7.17	146	270312	39.150	ng		98
15) Benzyl Alcohol	7.14	79	233195	36.743	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	438932	33.796	ng		80
17) 2-Methylphenol	7.25	107	208250	38.005	ng	#	89
18) Hexachloroethane	7.51	117	95885	36.283	ng		95
19) n-Nitroso-di-n-propylamine	7.41	70	189132	37.098	ng		91
20) 3+4-Methylphenols	7.41	107	268855	38.288	ng	#	52
22) Acetophenone	7.41	105	367658	40.942	ng	#	85
24) Nitrobenzene	7.58	77	279155	40.111	ng		94
25) Isophorone	7.82	82	497295	37.909	ng		97
26) 2-Nitrophenol	7.90	139	117336	44.644	ng		94
27) 2,4-Dimethylphenol	7.93	122	210271	36.115	ng		96
28) bis(2-Chloroethoxy)methane	8.02	93	302367	39.484	ng		98
29) 2,4-Dichlorophenol	8.14	162	223174	41.653	ng		99
30) 1,2,4-Trichlorobenzene	8.22	180	235738	39.906	ng		94
31) Naphthalene	8.31	128	726474	41.594	ng		99
32) Benzoic acid	8.01	122	12102	9.111	ng		93
33) 4-Chloroaniline	8.36	127	185088	24.317	ng		100
34) Hexachlorobutadiene	8.41	225	152593	40.804	ng		99
35) Caprolactam	8.72	113	59823	35.629	ng	#	78
36) 4-Chloro-3-methylphenol	8.84	107	225779	39.061	ng		98
37) 2-Methylnaphthalene	9.00	142	484342	39.195	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	244883	44.521	ng		97
40) Hexachlorocyclopentadiene	9.14	237	51571	14.516	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
Data File : BF108567.D
Acq On : 28 Aug 2018 20:34
Operator : JU/SJ
Sample : J4535-04MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-FL-036MS

Quant Time: Aug 29 01:35:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	153293	44.910	ng		100
43) 2,4,5-Trichlorophenol	9.32	196	161133	42.884	ng		95
45) 1,1'-Biphenyl	9.46	154	585638	44.346	ng		98
46) 2-Chloronaphthalene	9.49	162	444048	42.543	ng		98
47) 2-Nitroaniline	9.59	65	147111	43.560	ng		84
48) Acenaphthylene	9.91	152	693012	41.998	ng		100
49) Dimethylphthalate	9.76	163	613363	49.160	ng	#	99
50) 2,6-Dinitrotoluene	9.83	165	111263	42.623	ng		97
51) Acenaphthene	10.08	154	394612	39.044	ng		99
52) 3-Nitroaniline	10.01	138	96221	33.690	ng		99
53) 2,4-Dinitrophenol	10.11	184	8657	15.105	ng	#	25
54) Dibenzofuran	10.25	168	596459	40.734	ng		99
55) 4-Nitrophenol	10.18	139	130499	60.338	ng		88
56) 2,4-Dinitrotoluene	10.24	165	138472	41.211	ng	#	99
57) Fluorene	10.60	166	458734	39.575	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	116730	37.169	ng	#	86
59) Diethylphthalate	10.45	149	513891	42.534	ng		96
60) 4-Chlorophenyl-phenylether	10.58	204	242328	40.121	ng		91
61) 4-Nitroaniline	10.62	138	97347	34.474	ng		94
62) Azobenzene	10.74	77	465650	37.320	ng		94
64) 4,6-Dinitro-2-methylphenol	10.65	198	12882	15.795	ng		86
65) n-Nitrosodiphenylamine	10.70	169	412009	47.738	ng		96
66) 4-Bromophenyl-phenylether	11.08	248	145170	45.738	ng	#	84
67) Hexachlorobenzene	11.15	284	142521	42.678	ng	#	85
68) Atrazine	11.22	200	131383	45.386	ng		96
69) Pentachlorophenol	11.35	266	112231	70.214	ng		99
70) Phenanthrene	11.57	178	578602	42.002	ng		99
71) Anthracene	11.62	178	587641	41.621	ng		100
72) Carbazole	11.78	167	511569	40.781	ng		100
73) Di-n-butylphthalate	12.08	149	650811	45.804	ng		99
74) Fluoranthene	12.76	202	585920	38.972	ng		95
76) Benzidine	12.88	184	187767	21.033	ng		97
77) Pyrene	13.00	202	578661	38.252	ng		99
79) Butylbenzylphthalate	13.60	149	250081	41.632	ng	#	93
80) Benzo(a)anthracene	14.19	228	558745	40.746	ng		100
81) 3,3'-Dichlorobenzidine	14.14	252	192166	39.103	ng	#	96
82) Chrysene	14.22	228	513074	40.811	ng		99
83) Bis(2-ethylhexyl)phthalate	14.14	149	338709	41.639	ng		100
84) Di-n-octyl phthalate	14.77	149	603466	48.644	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	377580	34.663	ng	#	89
87) Benzo(b)fluoranthene	15.28	252	477099	41.030	ng	#	96
88) Benzo(k)fluoranthene	15.32	252	457362	42.788	ng	#	95
89) Benzo(a)pyrene	15.69	252	417592	40.105	ng	#	96
90) Dibenzo(a,h)anthracene	17.38	278	323896	37.595	ng	#	92
91) Benzo(g,h,i)perylene	17.87	276	296154	34.910	ng	#	88

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
Data File : BF108567.D
Acq On : 28 Aug 2018 20:34
Operator : JU/SJ
Sample : J4535-04MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MS

Quant Time: Aug 29 01:35:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration