Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116669.D
Acq On : 31 Aug 2019 00:09
Operator : HP/JU
Sample : K4568-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12-COMPMSD

Manual Integrations APPROVED
mohammad
8/31/2019 2:45:28 PM

Quant Time: Aug 31 04:33:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	108288	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	423554	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	220796	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	372981	20.00	ng		0.00
76) Chrysene-d12	14.00	240	284539	20.00	ng		0.00
87) Perylene-d12	15.45	264	297012	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	894989	133.90	ng		0.00
7) Phenol-d6	6.48	99	1239314	141.20	ng		0.00
23) Nitrobenzene-d5	7.41	82	772047	104.06	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	236367	160.13	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1277664	97.61	ng		0.00
79) Terphenyl-d14	12.95	244	1337396	86.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	117546	38.095	ng		99
3) Pyridine	3.36	79	310678	34.775	ng		95
4) n-Nitrosodimethylamine	3.29	42	134816	43.945	ng		81
6) Aniline	6.51	93	420420	34.584	ng		98
8) 2-Chlorophenol	6.63	128	342070	46.880	ng		95
9) Benzaldehyde	6.39	77	253527	43.844	ng		99
10) Phenol	6.49	94	482765	49.672	ng		98
11) bis(2-Chloroethyl)ether	6.58	93	341240	45.091	ng		96
12) 1,3-Dichlorobenzene	6.79	146	349237	42.348	ng		96
13) 1,4-Dichlorobenzene	6.86	146	358980	43.723	ng		99
14) 1,2-Dichlorobenzene	7.02	146	335022	44.031	ng		97
15) Benzyl Alcohol	6.99	79	340615	47.808	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	377621	42.530	ng		97
17) 2-Methylphenol	7.10	107	304698	47.702	ng		98
18) Hexachloroethane	7.36	117	135432	42.457	ng	#	89
19) n-Nitroso-di-n-propylamine	7.26	70	261122	45.184	ng		91
20) 3+4-Methylphenols	7.25	107	361399	48.661	ng	#	86
22) Acetophenone	7.26	105	493252	48.372	ng	#	92
24) Nitrobenzene	7.43	77	390074	51.694	ng		96
25) Isophorone	7.67	82	729070	48.494	ng		99
26) 2-Nitrophenol	7.75	139	166139	59.221	ng		92
27) 2,4-Dimethylphenol	7.78	122	326775	57.675	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	437318	47.600	ng		99
29) 2,4-Dichlorophenol	7.99	162	287111	52.730	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	273784	46.358	ng		98
31) Naphthalene	8.15	128	995245	49.415	ng		98
32) Benzoic acid	7.90	122	159654	49.906	ng		96
33) 4-Chloroaniline	8.19	127	134399	14.660	ng		96
34) Hexachlorobutadiene	8.27	225	146437	45.475	ng		99
35) Caprolactam	8.56	113	112582m	55.248	ng		
36) 4-Chloro-3-methylphenol	8.68	107	342871	54.788	ng		98
37) 2-Methylnaphthalene	8.85	142	676817	50.507	ng		97
38) 1-Methylnaphthalene	8.95	142	641015	50.673	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	239063	45.167	ng	#	96

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116669.D
Acq On : 31 Aug 2019 00:09
Operator : HP/JU
Sample : K4568-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12-COMPMSD

Manual Integrations APPROVED
mohammad
8/31/2019 2:45:28 PM

Quant Time: Aug 31 04:33:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	279543	91.459	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	183708	50.633	ng		97
44) 2,4,5-Trichlorophenol	9.16	196	200958	53.350	ng		94
46) 1,1'-Biphenyl	9.30	154	802049	47.871	ng		98
47) 2-Chloronaphthalene	9.33	162	633944	47.773	ng		97
48) 2-Nitroaniline	9.42	65	211183	55.047	ng		99
49) Acenaphthylene	9.75	152	1015500	50.625	ng		100
50) Dimethylphthalate	9.61	163	921728	60.466	ng		98
51) 2,6-Dinitrotoluene	9.66	165	166142	57.125	ng		97
52) Acenaphthene	9.92	154	651817	52.885	ng		99
53) 3-Nitroaniline	9.83	138	112681	30.916	ng		92
54) 2,4-Dinitrophenol	9.94	184	109859	103.465	ng		89
55) Dibenzofuran	10.09	168	881513	50.735	ng		99
56) 4-Nitrophenol	9.99	139	312498	125.041	ng		92
57) 2,4-Dinitrotoluene	10.07	165	227679	64.022	ng		98
58) Fluorene	10.43	166	683124	51.599	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	149611	55.034	ng	#	93
60) Diethylphthalate	10.30	149	762613	49.943	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	285428	49.234	ng		90
62) 4-Nitroaniline	10.45	138	208734	59.012	ng		94
63) Azobenzene	10.58	77	818700	51.420	ng		95
65) 4,6-Dinitro-2-methylphenol	10.47	198	85309	59.914	ng		81
66) n-Nitrosodiphenylamine	10.54	169	641376	49.709	ng		97
67) 4-Bromophenyl-phenylether	10.91	248	175088	46.210	ng		95
68) Hexachlorobenzene	10.98	284	182592	46.059	ng		93
69) Atrazine	11.06	200	183164	50.686	ng		98
70) Pentachlorophenol	11.17	266	197120	102.790	ng		98
71) Phenanthrene	11.39	178	1042492	50.210	ng		98
72) Anthracene	11.44	178	1061929	50.809	ng		100
73) Carbazole	11.59	167	1046774	52.578	ng		100
74) Di-n-butylphthalate	11.93	149	1262312	49.458	ng		99
75) Fluoranthene	12.57	202	1096473	53.737	ng		98
77) Benzidine	12.69	184	511119	45.798	ng		100
78) Pyrene	12.80	202	1121655	44.345	ng		98
80) Butylbenzylphthalate	13.42	149	571080	46.428	ng		98
81) Benzo(a)anthracene	13.99	228	850166	47.209	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	222390	36.542	ng		97
83) Chrysene	14.03	228	896978	48.347	ng		98
84) Bis(2-ethylhexyl)phthalate	13.98	149	739486	48.703	ng		99
85) Di-n-octyl phthalate	14.59	149	1363980	54.894	ng		98
86) Indeno(1,2,3-cd)pyrene	16.90	276	873933	58.644	ng	#	93
88) Benzo(b)fluoranthene	15.03	252	883603m	49.207	ng		
89) Benzo(k)fluoranthene	15.06	252	790540	48.284	ng		98
90) Benzo(a)pyrene	15.39	252	806922	51.651	ng		97
91) Dibenzo(a,h)anthracene	16.92	278	703220	51.425	ng	#	96
92) Benzo(g,h,i)perylene	17.34	276	742780	53.260	ng	#	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116669.D
Acq On : 31 Aug 2019 00:09
Operator : HP/JU
Sample : K4568-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 31 04:33:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-12-COMPMSD

Manual Integrations APPROVED
mohammad
8/31/2019 2:45:28 PM