Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116720.D
Acq On : 1 Sep 2019 2:46
Operator : HP/JU
Sample : K4517-23MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T2-S-A1-A4MSD

Manual Integrations APPROVED
mohammad
9/5/2019 9:23:47 AM

Quant Time: Sep 01 04:43:08 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	118603	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	476846	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	248510	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	418336	20.00	ng		0.00
76) Chrysene-d12	14.00	240	257951	20.00	ng		0.00
87) Perylene-d12	15.44	264	282404	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	932353	127.35	ng		0.01
7) Phenol-d6	6.48	99	1186016	123.37	ng		0.00
23) Nitrobenzene-d5	7.41	82	845944	101.28	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	279135	168.02	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1422010	96.53	ng		0.00
79) Terphenyl-d14	12.95	244	1456759	104.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	137660	40.734	ng	#	86
3) Pyridine	3.46	79	187216	19.133	ng		97
4) n-Nitrosodimethylamine	3.34	42	145165	43.203	ng		78
6) Aniline	6.51	93	132004	9.914	ng		97
8) 2-Chlorophenol	6.63	128	392807	49.151	ng		96
9) Benzaldehyde	6.39	77	36897	5.826	ng		99
10) Phenol	6.49	94	435082	40.872	ng		96
11) bis(2-Chloroethyl)ether	6.58	93	390246	47.082	ng		98
12) 1,3-Dichlorobenzene	6.79	146	407328	45.096	ng		95
13) 1,4-Dichlorobenzene	6.86	146	415193	46.171	ng		100
14) 1,2-Dichlorobenzene	7.02	146	387465	46.495	ng		94
15) Benzyl Alcohol	6.99	79	355958	45.616	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	443055	45.560	ng		99
17) 2-Methylphenol	7.10	107	331758	47.421	ng		96
18) Hexachloroethane	7.36	117	156785	44.876	ng		91
19) n-Nitroso-di-n-propylamine	7.26	70	297035	46.928	ng		94
20) 3+4-Methylphenols	7.25	107	403478	49.602	ng	#	80
22) Acetophenone	7.25	105	566539	49.350	ng		98
24) Nitrobenzene	7.43	77	452745	53.294	ng		94
25) Isophorone	7.66	82	835032	49.335	ng		99
26) 2-Nitrophenol	7.74	139	195208	61.806	ng		96
27) 2,4-Dimethylphenol	7.78	122	362705	56.862	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	507454	49.061	ng		99
29) 2,4-Dichlorophenol	7.99	162	329681	53.781	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	325638	48.976	ng		95
31) Naphthalene	8.15	128	1159063	51.117	ng		99
32) Benzoic acid	7.89	122	181759	50.466	ng		91
33) 4-Chloroaniline	8.19	127	28136	2.726	ng		98
34) Hexachlorobutadiene	8.27	225	171537	47.317	ng		98
35) Caprolactam	8.56	113	102293m	44.589	ng		
36) 4-Chloro-3-methylphenol	8.68	107	388248	55.106	ng		96
37) 2-Methylnaphthalene	8.84	142	796052	52.766	ng		97
38) 1-Methylnaphthalene	8.94	142	744490	52.276	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	287437	48.250	ng	#	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116720.D
Acq On : 1 Sep 2019 2:46
Operator : HP/JU
Sample : K4517-23MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Manual Integrations APPROVED
mohammad
9/5/2019 9:23:47 AM

Quant Time: Sep 01 04:43:08 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	243138	70.677	ng		95
43) 2,4,6-Trichlorophenol	9.12	196	216844	53.100	ng		96
44) 2,4,5-Trichlorophenol	9.16	196	238956	56.363	ng		96
46) 1,1'-Biphenyl	9.30	154	941915	49.950	ng		97
47) 2-Chloronaphthalene	9.33	162	740154	49.556	ng		99
48) 2-Nitroaniline	9.42	65	246376	57.059	ng		99
49) Acenaphthylene	9.75	152	1186381	52.548	ng		99
50) Dimethylphthalate	9.60	163	879790	51.279	ng		99
51) 2,6-Dinitrotoluene	9.66	165	202870	61.974	ng		93
52) Acenaphthene	9.92	154	745213	53.720	ng		99
53) 3-Nitroaniline	9.82	138	46599	11.359	ng		89
54) 2,4-Dinitrophenol	9.93	184	109957	93.010	ng		88
55) Dibenzofuran	10.09	168	1047894	53.585	ng		97
56) 4-Nitrophenol	9.99	139	324233	115.269	ng		89
57) 2,4-Dinitrotoluene	10.07	165	275155	68.744	ng		92
58) Fluorene	10.43	166	797949	53.551	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	178978	58.494	ng		96
60) Diethylphthalate	10.30	149	903227	52.555	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	348785	53.454	ng		96
62) 4-Nitroaniline	10.45	138	202547	50.877	ng		93
63) Azobenzene	10.58	77	948291	52.917	ng		95
65) 4,6-Dinitro-2-methylphenol	10.47	198	85731	54.457	ng		91
66) n-Nitrosodiphenylamine	10.54	169	732577	50.621	ng		97
67) 4-Bromophenyl-phenylether	10.91	248	214941	50.577	ng		100
68) Hexachlorobenzene	10.98	284	220889	49.679	ng		96
69) Atrazine	11.06	200	172366	42.527	ng		97
70) Pentachlorophenol	11.17	266	232103	107.910	ng		97
71) Phenanthrene	11.39	178	1190613	51.127	ng		99
72) Anthracene	11.44	178	1230530	52.493	ng		99
73) Carbazole	11.59	167	1170022	52.397	ng		100
74) Di-n-butylphthalate	11.92	149	1514442	52.904	ng		99
75) Fluoranthene	12.57	202	1176449	51.406	ng		97
78) Pyrene	12.80	202	1157864	50.495	ng		99
80) Butylbenzylphthalate	13.42	149	632905	56.758	ng		100
81) Benzo(a)anthracene	13.99	228	825484	50.564	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	93674	16.979	ng		99
83) Chrysene	14.02	228	853090	50.721	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	836233	60.751	ng		98
85) Di-n-octyl phthalate	14.59	149	1418386	62.967	ng		97
86) Indeno(1,2,3-cd)pyrene	16.89	276	821808	60.831	ng	#	93
88) Benzo(b)fluoranthene	15.03	252	854445m	50.044	ng		
89) Benzo(k)fluoranthene	15.06	252	778462	50.006	ng		98
90) Benzo(a)pyrene	15.39	252	793195	53.398	ng		97
91) Dibenzo(a,h)anthracene	16.91	278	690972	53.143	ng	#	93
92) Benzo(g,h,i)perylene	17.33	276	635722	47.941	ng	#	93

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116720.D
Acq On : 1 Sep 2019 2:46
Operator : HP/JU
Sample : K4517-23MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 01 04:43:08 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 :
T2-S-A1-A4MSD

Manual Integrations APPROVED
mohammad
9/5/2019 9:23:47 AM